CATALOGUE OF COURSES

2010 – 2011 Academic Year

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### REQUIREMENTS FOR GRADUATION FROM LOYOLA:

<table>
<thead>
<tr>
<th>Class of 2011</th>
<th>Freshman</th>
<th>Sophomore</th>
<th>Junior</th>
<th>Senior</th>
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<tbody>
<tr>
<td>1. English</td>
<td>2 semesters</td>
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<td>2. Mathematics</td>
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<td>4. Science</td>
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<td>5. Social Studies</td>
<td>1 semester</td>
<td>2 semesters</td>
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<td>6. Theology</td>
<td>2 semesters</td>
<td>1 semester</td>
<td>2 semesters*</td>
<td>1 semester*</td>
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<td>7. Physical Education</td>
<td>1 semester**</td>
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<td>8. Health</td>
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<td>9. Fine Arts</td>
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<td>10. Community Service:</td>
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<td>A. Community Service Projects:</td>
<td>25 hours in the sophomore year and 25 hours in the junior year</td>
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<td>B. Senior Internship: 3 week project in community service during the senior year</td>
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* Students are required to take 3 semesters of theology during their junior and senior years.
+ Students may begin their 6 semesters of science either in the freshman or sophomore years.
** Students may complete these requirements any time during their four years.

1. English

Eight semesters beginning in the freshman year
   1. Common required courses for freshmen, sophomores, and juniors
   2. Elective courses for seniors

2. Mathematics

Six semesters beginning in the freshman year
   1. Common required courses for freshmen, sophomores, and juniors
   2. Elective courses for seniors

3. Foreign Language

Six consecutive semesters of the same language beginning in the freshman year

4. Science

Six semesters beginning in the freshman (physics) or sophomore (chemistry) year

5. Social Studies

Seven semesters
   1. Common required courses for freshmen, sophomores, and juniors. The freshman World History I course is a one semester course
   2. Elective courses for seniors

6. Theology

Six semesters (two semesters in freshman year; one semester in sophomore year; three semesters during junior and senior year)
   1. Common required courses for freshmen and sophomores
   2. Elective courses for juniors and seniors. Two of the three electives must include Faith of Catholics and Moral Theology

7. Fine Arts
One semester
The University of California and the California State University systems require two semesters (parts 1 and 2) of the same course
8. Physical Education/Health
One semester of P.E. in the freshman or sophomore year or one semester of Lifetime Fitness in the junior or senior year
One semester of Health taken at any time during the four years at Loyola
9. Community Service
Community Service Project: 25 hours during the sophomore year and another 25 hours in the junior year
Senior Internship: 3 week (85-hour) project in community service during the senior year

ADVANCED PLACEMENT COURSES
Loyola participates in the nationwide Advanced Placement program of college-level instruction in high school by offering Advanced Placement courses. Students who complete these classes must take examinations prepared by the College Board in May. Success in the examination may earn the student college credit, advanced placement in college, or both.

REQUIREMENTS FOR HONORS AND ADVANCED PLACEMENT COURSES
Loyola encourages students to take demanding and advanced academic courses in all fields. Accordingly, grades in all Honors and Advanced Placement courses will be counted for rank-in-class on the following scale:

\[ \begin{align*}
A+ &= 5.3 \text{ pts.} \\
A  &= 5.0 \text{ pts.} \\
A- &= 4.7 \text{ pts.} \\
B+ &= 4.3 \text{ pts.} \\
B  &= 4.0 \text{ pts.} \\
B- &= 3.7 \text{ pts.} \\
C+ &= 3.3 \text{ pts.} \\
C  &= 3.0 \text{ pts.} \\
C- &= 2.7 \text{ pts.}
\end{align*} \]

An A+ grade in a regular course receives 4.3 points. The maximum un-weighted GPA is 4.0.

The following entrance requirements apply to honors level courses. These are minimum requirements to be considered for entrance into restricted honors classes. Student selected for these restricted courses typically have GPA’s much higher than the minimum. The AP for Curriculum and Scheduling will have the final say regarding exceptions or special circumstances.

A) Entrance requirements for honors and advanced placement courses include, but are not limited to:
1) Cumulative overall 3.0 GPA or higher
2) Cumulative 3.0 GPA or higher in the subject
3) Recommendation from the current teacher in the subject area
4) Acceptable scores on standardized or placement tests
5) Recommendation from counselor

B) A student may be dropped from an honors or AP course if any of the following occur:
1) Cumulative weighted GPA drops below 3.0
2) Grade in course (as listed on the transcript) falls below a B-
3) Teacher recommends that the student be dropped from the course roster
4) Counselor recommends that the student be dropped from the course roster

**COURSES NOT COUNTED IN GPA**
Certain courses are not counted in students’ weighted or un-weighted GPA’s. These include PE, Lifetime Fitness, and TA’s.

**I, D, F GRADES**
If a student receives an “I” (Incomplete) for any graded course, it will be recorded on the transcript and will count as 0.0 points when computing GPA’s. This will remain until all the coursework is completed and the teacher has awarded the appropriate letter grade (A-F). Furthermore, a student may be denied a diploma until the incomplete course is made up to the school’s satisfaction.

Students who receive an “F” in any course must repeat the course either at Loyola or through an approved alternative program. The “F” will not be removed from the transcript and will continue to be counted (as a 0.0) in the student’s weighted and un-weighted GPA’s even after the course has been repeated. A student may be denied a diploma until the course receiving an “F” grade is made up to the school’s satisfaction.

Students who receive a “D” in any course may not repeat the course at Loyola. A’”D” is considered a passing grade.

**SENIOR YEAR REQUIREMENTS**
Seniors are required to take six academic courses even if all graduation requirements have been met. Unscheduled or TA periods are not considered academic courses. The Assistant Principal for Curriculum and Scheduling approves exceptions to this requirement.

**TEACHER AIDES (TA's)**
Restricted to seniors taking five academic courses, TA’s are required to have at least a 3.0 weighted GPA and at least a 3.0 GPA in the subject area for which they are working. TA’s must attend to their duties at their specified locations on a daily basis. TA’s may also be assigned to the main office, student center, library, counseling office, or community service office. The Assistant Principal for Curriculum and Scheduling approves all such positions as well as any exceptions to these responsibilities.
ENGLISH DEPARTMENT

CHAIR: Mrs. Mary Arney

DEPARTMENTAL REQUIREMENTS: Eight semesters required
a. Common required courses for freshmen, sophomores, and juniors.
b. Elective courses for seniors.

ENGLISH 1 (2 semesters) Mrs. Arney, Mr. Brown, Mr. Caldwell, Mr. Robles, Mr. Pentecost, Mr. Schmidt, Dr. Vella
The freshman year English course establishes the foundation for the study of composition and literature. Beginning with *How to Get Good Grades*, freshmen are both tested on and expected to establish these habits for success not only in English but in their other classes. The study of composition begins with a focus on grammar (parts of speech, parts of sentence, phrases, and clauses) as well as punctuation and agreement rules. Students will practice writing in various sentence patterns; they will also write letters, paragraphs and multi-paragraph essays, practicing narrative, descriptive, expository, and argumentative modes of discourse. The study of vocabulary takes an etymological approach so that students learn to build meaning rather than memorize definitions. Literature samples each of these genres: short story, essay, poetry, drama, and novel. A three-day library overview immerses students in the basics of navigating all resources available through Burns' Library.

ENGLISH 2 (2 semesters) Mr. Brown, Mr. Robles, Mr. Schmidt, Mrs. Walsh
English 2 builds upon the writing skills of freshman year with the construction process of the well-wrought theme (3-5 paragraphs) as the major goal. Included are elements of unity, coherence, and emphasis; inductive and deductive reading; and four types of themes: exposition, narration, description, and argumentation. Vocabulary building continues with the study of roots, prefixes, and suffixes. Students also learn and apply to their own writing the Modern Language Association (MLA) requirements for documentation. Formal grammar instruction continues from ninth grade. American literature from the Colonial Period to the present is surveyed in chronological and/or thematic units.

HONORS ENGLISH 2 (2 semesters) Mr. Caldwell, Mrs. Arney
Honors English 2 is designed for students who have done exceptionally well in their English 1 class throughout the year. American literature from Colonial times to the present will be surveyed. This survey explores poetry, drama, fiction, and nonfiction of each literary period. Students write various essays (using various development techniques learned throughout the year) exploring the basic questions and issues of many canonical American writers. Study skills, library research skills and techniques, and creative writing will be further developed and reinforced throughout the year. Vocabulary, advanced sentence structure problems, and special grammatical problems in writing will be explored. Prerequisite: A 3.0 overall GPA and a 3.0 or higher in English 1, passing score on the entrance test, recommendation of the student's English 1 teacher, and approval of the department chair. **This course must be taken for two semesters.**
ENGLISH 3 (2 semesters)  Mrs. Jardine, Mr. Marsh, Mrs. Lynch, Mrs. Rousseve
With an early focus on preparation for the PSAT, students continue their study and application of grammar (specifically verb usage, parallel structure, effective coordination/subordination of ideas), and effective essay writing. Writing assignments demonstrate literary analysis as well as synthesis of multiple sources according to correct MLA documentation. Students practice not only strategies for timed writings but also steps to the writing process. Vocabulary study continues with a text different from that used in English 1 and English 2. A survey of British literature includes the earliest English epic Beowulf readings from Chaucer's The Canterbury Tales, Shakespeare's Macbeth, as well as samplings from the works of Donne, Milton, Blake, Eliot, Yeats, and others at the teacher's discretion.

ADVANCED PLACEMENT ENGLISH 3 (2 semesters)  Dr. Vella
Approved by the College Board, Advanced Placement English 3 is a rigorous British literature and rhetoric course requiring students to read closely and analyze carefully a variety of fiction (prose and poetry) and nonfiction. With an overall thematic focus on the human condition, this study of primarily British literature includes the epic, novel, drama, and poetry; nonfiction readings, not limited to British authors, include essays, sermons, speeches, and letters. Through close reading and analytical writing, students will improve skills in identifying and explaining the effects of literary conventions and rhetorical strategies. Written assignments include the formal research paper, a formal essay per unit, and essay exams; in-class essays require writers to analyze and synthesize. Finally, through a wide choice of reading material and writing exercises, students will prepare for and take the Advanced Placement English Language and Composition Exam administered on the national test day in May. Performance on this test may grant college credit or, obviously, advanced placement. Prerequisites: Honors English 2 students in good standing (B or higher) are automatically enrolled in A.P. English 3. Students enrolled in English 2 must meet the following criteria: a 3.0 overall GPA and a 3.3 or higher in English, passing score on the entrance test, recommendation of the student's English 2 teacher, and approval of the department chair. This course must be taken for two semesters.

SENIOR ELECTIVES

MODERN AMERICAN NOVEL (1 semester)  Mr. Marsh
This course studies the development of the modern American novel from the post-World War I era to the contemporary scene. Six novels are examined: Reading assignments average 150 pages per week with twice weekly "pop" quizzes on the readings. An essay is required approximately every 2-3 weeks; these assignments include in-class writing, papers prepared outside of class (5 pages in length), and summaries of individual oral reports. Midterm and final examinations are in essay format.

SHAKESPEARE (1 semester)  Ms. Rousseve
This elective course is designed as an elementary introduction to the life, times, and works of William Shakespeare. It includes research for and lectures on the philosophical, social, and political climate of the English Renaissance—the exciting and creative Elizabethans. Students must participate in discussions of themes, characters, plots, subplots, dramatic architecture, imagery, mood, and critical passages. Students’ contributions must be based on their own intelligent and careful analysis of the plays and sonnets. Readings come from Shakespeare's tragedies, comedies, and sonnets. Apart from Hamlet, all other plays are based on the teacher's discretion, sometimes dependent on performances available at area theatres. The overriding and extravagant aim of this course is to create life-long love for the Bard of Avon.

**SHORT FICTION** (1 semester)  
**Mrs. Jardine**

The course is designed to acquaint students with a variety of short stories. Adopting the viewpoint of the author and using the terminology of fiction, the student becomes familiar with various themes used in the contemporary short story, as well as the ways in which the literary movements have affected its development. Major activities of the course focus on the reading of a wide range of authors, writing in-depth interpretations of short stories, and the creation of the student's own original short story.

**WORLD LITERATURE** (1 semester)  
**Mrs. Lynch**

This course surveys some of the masterpieces of world literature from the Old Testament and Homer to the present. It introduces students to the literature and ideas which have been important in the development of various cultural traditions, through reading, analysis, and writing about some of that literature.

**RHETORIC AND COMPOSITION** (1 semester)  
**Mrs. Lynch**

Rhetoric and Composition provides seniors with practical speaking and writing experiences with the large part of the work done in class along with peer evaluation. Work includes practice in the personal college essay, the SAT II Writing Test, and the Subject A Exam. Writing across the curriculum focuses on literature, technology, psychology, law, and film. Assignments also include a variety of short oral presentations, journal entries, the summary, argumentative pieces, critiques, a review of the research process and various documentation styles, as well as several creative pieces.

**COLLEGE READING AND WRITING (CRAW)** (2 semesters)  
**Mr. Mason**

This restricted course is an intensive reading and writing workshop designed to prepare students for the rigorous demands of day-to-day college literature courses by focusing on the rhetorical modes and the analytical writing process, as well as close reading of college-level textual materials. Enrollment is determined by the English Department Chair and the instructor who select students based on their three-year performance in English and input from English 3 teachers.
ADVANCED PLACEMENT ENGLISH 4 (2 semesters)  Mr. Mason
Approved by the College Board, this restricted course is designed for seniors interested in reading, discussing, and writing about some of the most famous and important works and authors in literature, including Sophocles, Shakespeare, DeFoe, Voltaire, Conrad, Joyce, Hemingway, Miller, Golding, as well as various poets. Because this course also fulfills requirements for a freshman college composition course, essays are regularly scheduled. Students will prepare for and take the Advanced Placement English Literature Exam administered on the national test day in May. Prerequisite: A.P. English 3 students in good standing (B or higher) are automatically enrolled in A.P. English 4. Students enrolled in English 3 must meet the following criteria: a 3.0 overall GPA and a 3.3 or higher in English, passing score on the entrance test, recommendation of the student's English 3 teacher, and approval of the department chair. This course must be taken for two semesters.

DIRECTED STUDY (1 semester)
This course is designed for serious and competent students who are interested in pursuing learning on their own. A student who applies for this course must detail in writing the nature of their study; this proposal must include the topic for study, objectives, procedure, readings and assignments, and method(s) of evaluation for the course work. Each proposal will be read by all members of the English Department who will decide whether a candidate has sufficiently outlined a workable program. Proposals must be approved by the English Department by the end of April for the next fall semester and by the end of November for the next spring semester. Each student must then sign a Directed Study contract Agreement assuming full responsibility for the completion of the project and his activity during the program. Because of the great demands made by this program, each teacher is restricted to one Directed Study student per semester.

ENGLISH TEACHER AIDES (1 or 2 semesters)  Department Chair
This course is designed to give seniors, interested and talented in English, an opportunity to aid teachers of freshmen, sophomores, and juniors in their English classes. Activities include leading group discussions, tutoring, and assisting the teacher in correcting work. Prerequisites: Students must have a 3.0 GPA overall, a 3.0 GPA in English, a willingness to accept the responsibility of reading assigned literature, preparing small-group discussions, helping to correct work, planning course materials, and working in the classroom every day. Permission of the instructor and department chair is required.

JOURNALISM 99 (1 semester)  The Loyalist moderator
The overall objective of the one-semester Journalism course is to provide freshmen, sophomores, juniors, and seniors with classroom instruction and practical experience realizing the roles and responsibilities of the student journalist. Course outcomes challenge students to develop skills in critical thinking, writing, and interpersonal communication. In addition to knowing ethics that apply to all journalists and laws that apply to student publications, students will practice the basics of good newspaper writing, which include understanding and gathering news, as well as the inverted pyramid structure, style, editing, and layout on desktop publishing. Outcomes of this instruction and experiences are demonstrated in at least four issues of The Loyalist per semester and in feature stories submitted to El Camino. Furthermore, students will explore the relevance of their work as the
newspaper impacts and is impacted by the community it serves.

In this non-graded course, a student will earn a mark of "CR" for credit upon successful completion of the course. This course can be repeated with the approval of the instructor. This course does NOT satisfy ANY graduation requirement.
FOREIGN LANGUAGE DEPARTMENT

CHAIRPERSON: Mrs. Mychela Burke Marshall

DEPARTMENTAL REQUIREMENTS: Six consecutive semesters of the same language beginning from the freshman year.

FRENCH 1 (2 semesters)
The exciting text RENDEZ-VOUS: AN INVITATION TO FRENCH and its accompanying workbook and lab manual are used in French I. Videos, cassettes, transparencies and handouts are also used to supplement the student's material. The course takes into account an interdependence of the four skills - understanding, speaking, reading and writing - allowing each to interact with and reinforce the others. Also, the French way of life, attitudes and customs are central to the program. Students are exposed to an extensive yet useful vocabulary. Typical French I grammatical structures will be studied.

FRENCH 2 (2 semesters)
French II continues the course of study established in French I, using on-line resources to teach the speaking, understanding, reading, and writing skills that were introduced in French I. Various resources provide students with short texts and stories with comprehension questions to help them gain mastery of the syntax of French and increase their vocabulary as well as their knowledge of French history and culture. Stress is placed on oral communication, vocabulary is enriched, and the students start to write paragraphs and short essays. The students are involved in a variety of classroom activities such as conducting informal interviews, working in pairs or small groups to promote proficiency. The grammar is more complex and includes the past tenses. Audio recordings, videos, and films are an integral part of the program. Cultural content will concentrate on France, a general review of geography, Paris and its major monuments, major cities, provinces, and departments, and other French speaking countries around the world.

FRENCH 3 (2 semesters)
French III provides students with longer texts and stories with comprehension and composition questions to help them gain mastery of the syntax of French and increase their vocabulary as well as their knowledge of French history and culture. The emphasis of the third year course is on building vocabulary, increasing knowledge of more advanced idiomatic expressions, and continuing to expand the student's understanding of French grammar. Proficiency in speaking and writing are the key goals. Listening comprehension is emphasized through the use of audio recordings, videos, dictations, on-line activities, and exposure to the spoken word in a variety of contexts. The cultural component will continue to expand the student's knowledge of France and will include a study of the French speaking world.

HONORS FRENCH 3 (2 semesters)
Honors French III provides students with longer texts and stories with comprehension and composition questions to help them gain mastery of the syntax of French and increase their vocabulary as well as their knowledge of French history and culture. The emphasis of the third year course is on continuing to build vocabulary, speaking and writing proficiency, oral comprehension, and written composition. This is a
course accelerated in pace and more comprehensive in content for those students who have excelled in French II. Students are expected to write longer composition and use higher critical thinking skills in their work. The cultural component will continue to expand the student's knowledge of France through current events and a study of the historical and technological contributions of the various provinces. This is a full year course. Successful completion of this course will provide the basis for recommendation to French IV A.P.

**AP FRENCH 4 (2 semesters)**
French IV A.P. is an intensive course whose goal is proficiency on the third year college level in writing, speaking, listening, and reading comprehension. In order to advance to this level, the student will have maintained at least a B average in the first three levels and have received the recommendation of the foreign language department. Course work will be comprised of a complete review of all grammar, weekly writing assignments on subjects which range from the mundane to the profound, reading of articles, literary excerpts, practice in oral expression in highly structured situations, as well as practice in relaxed social discourse. Class size is small to facilitate maximum participation. Students are expected to use French at all times. All students must take the A. P. Exam in May. These students are also encouraged to take the SAT II exam in French.

**AP GERMAN 4 (2 semesters)**
"Auf eigenen Fussen" is a textbook intended to introduce you to stand on "your own feet" as a college student, to enter the job market, to manage your own financial affairs ... in Germany! You learn important business concepts in Germany and in the USA. Readings of German short stories and - possibly - a major dramatic play, e.g. G.E. Lessing's "Nathan and Wise", prepare you to college level German. Critical writing in German includes review of German grammar and prepares you for the Advanced Placement Examination in May which is an integral part of this course.

**LATIN 1 (2 semesters)**
Any introduction to Latin 1 is an adventure. Book One of "Our Latin Heritage" helps the students not only to learn the language but acquaints him also with Roman history and culture. An important aspect of this course is word mastery which leads to greater appreciation of one's native tongue.

**LATIN 2 (2 semesters)**
This course is a continuation of Latin I. It surveys the mythology of Hercules and then moves on to Julius Caesar and his activities with the Gauls and Britons. Heavy stress is placed on grammatical and syntactical structures so that the student might more fully appreciate, understand, and employ correct English structure. Emphasis is also placed on the Latin roots of English vocabulary.

**LATIN 3 (2 semesters)**
Continuing the Our Latin Heritage series of Latin I and 2, this course is a study of the discipline of Cicero in his "Orations Against Catiline" and of the poetry of Ovid in portions of his "Metamorphoses". While the discipline of reading Latin is stressed, the student is also encouraged to understand and discuss the lives and times of first century BC authors, the value of their art, and the sociological, religious, and philosophical aspects of the first century Roman world in comparison and contrast with our own.

**HONORS LATIN 3 (2 semesters)**
Honors Latin III is a college-level course that stresses the reading of Latin prose and poetry authors. Vocabulary, forms, grammar, syntax, and literary figures of speech are continuing objects of study, but the thoughts expressed by Roman authors in poetry and prose, as well as a deeper consideration of Classical civilization and the Western Classical tradition are predominant concerns of the course.

**AP LATIN 4 (2 semesters)**
Latin 4 is a course designed for qualified students (3.0 G.P.A. in first three years of Latin or approval of instructor). Students will read selected sections of Books I to VI in Latin. These readings will be supplemented with English translations of the *Odyssey* and *Iliad*. Class sessions consist of translations and discussion of significant Virgilian passages. This is a RESTRICTED COURSE.

**SPANISH 1 (2 semesters)**
The primary goal of this first course in Spanish is oral proficiency. However, both the oral and written activities that are provided stress the beginning point of total communication. Vocabulary build up is stressed as the students learn how to express themselves with the use of a taped program, a teacher picture file and the use of TPR activities.

**SPANISH 1 (HONORS) FOR NON-NATIVE SPEAKERS (2 semesters)**
This course is for students who have some grammar school experience in Spanish or who have knowledge of Spanish because of their home environment. Admission to this course is by written examination, oral examination and recommendation by the department Chairperson. Students in this class cover oral, grammatical and written material that is usually covered in four (4) semesters of a regular Spanish 1 and 2 courses.

**SPANISH 1 (HONORS) FOR NATIVE SPEAKERS (2 semesters)**
This course is for students who have some grammar school experience in Spanish or who have knowledge of Spanish because of their home environment. Admission to this course is by written examination, oral examination and by recommendation of the department chairperson. At the end of this course, students will be able to use and comprehend various facets of Spanish. Articulation and proficiency will be achieved through the study of accent rules, the 19 indicative and subjunctive tenses, the parts of speech, essay writing, reading comprehension skills, and vocabulary enhancement.

**SPANISH 2 (2 semesters)**
This course is the continuation of Spanish 1 that stresses oral communication but with more stress on the grammatical structure of the language. The verb conjugations are learned and the various moods of the language are also introduced for usage and understanding. Vocabulary build up continues to be stressed and the students are targeted to speak about a great variety of topics by the end of this two-semester course.

**SPANISH 2 (HONORS) (2 semesters)**
This is a restricted course for students that have taken Honors Spanish 1 or its equivalent. Hispanic students that have finished their foreign language requirement in another language and wish to take Spanish usually qualify for this course. The course stresses the correct writing of the language and the course is conducted solely in Spanish. The use of idiomatic expressions is stressed during the
second semester oral reports are required of the students. This course has 2 sections: one for native
speakers and one for non-native speakers with prior experience in honors Spanish. A third section of
Honors Spanish II is comprised of students who excelled in regular Spanish I, passed a placement
exam, and received the recommendation of their Spanish I teacher.

**SPANISH 3**  (2 semesters)
This class focuses on the development of the student's verbal, audio, and written skills in Spanish.
Grammatical concepts are reviewed and analyzed, while vocabulary development and
comprehension are fostered in conversational and situational settings. It is expected that the student
will be able to understand and express himself in the target language. Accent rules, pronunciation
skills, grammatical topics, and cultural awareness are added to enhance the oratory development of
the student.

**SPANISH 3 (HONORS)**  (2 semesters)
In this course the students will learn the use of vocabulary idioms, colloquialisms so as to be able to
express themselves at a near native level. Sentence writing and structure is emphasized the first
semester. The students will constantly be required to write and give oral explanations to justify his
syntax. The second semester is an introduction to Spanish culture, history and literature. The
student will read and interpret various selections of outstanding Spanish prose and verse. At the end
of the year, the student will be ready for AP Spanish 4 and also be ready to take the achievement
examination in Spanish. This course has 3 different and distinct sections.

**SPANISH 4**  (2 semesters)
This two-semester course is for students who have successfully finished the 3 years Loyola High
School graduation requirement and wish to continue their study of Spanish. Instead of focusing on
preparation for the AP Spanish Language in May of their senior year, they wish to concentrate on
further perfecting the four disciplines of listening, writing, speaking and reading. The course
consists of many and varied activities that make the hands-on natural approach both enjoyable and
very practical. Students are especially motivated in this class for they realize that they will need to
perfect this language since they hope to live and work in the southwestern part of the United States,
especially California.

**AP SPANISH 4 LANGUAGE**  (2 semesters)
This course is recommended for students who have completed six semesters of Spanish with at least
a B+ average. Since the great majority of the students selected have been in the Spanish Honors
Program, only a quick review of grammar is needed in the first quarter. The emphasis of this course
is fourfold. First, the students are trained to comprehend formal and informal spoken Spanish.
Second, they work on the acquisition of vocabulary and a grasp of structure to allow the easy,
accurate reading of newspaper and magazine articles, as well as of modern Hispanic literature.
Third, the students are trained in the ability to write expository passages and fourth, throughout the
entire course, the students practice their ability to express ideas orally with accuracy and fluency.
Admission to this restricted class is by permission of the Chairperson of the Department. All
students must take the A.P. examination in May.

**AP SPANISH 4 LITERATURE**  (2 semesters)
This course is recommended for all students who have completed Honors Spanish 3 with a 3.0 G.P.A. At the end of this AP course, the student will have completed the equivalent of a third year introduction to Hispanic Literature course at the college level. To this end, selected works from the literature of Spain and Spanish America (Miguel de Unamuno, Federico Garcia Lorca, Jorge Luis Borges and Gabriel Garcia Marquez) will be read and discussed in the classroom. An extensive amount of analytical essay writing and study of critical literature on the 5 AP authors will enhance the daily readings. Admission to this course is by permission of the Departmental Chairperson. All students will take this course for college credit and must take the AP Examination.

**HISTORIA DE MEXICO** (1 semester – taught in the fall semester only)

This one semester survey course will provide the student with an overview of the history of Mexico, from the ancient civilization of the pre-Colombian period to modern Mexico. All instruction will be conducted in Spanish. The course is designed to challenge the fourth year language student who has successfully met prerequisite core classes or has secured departmental approval. All classroom operation will be kept under the exclusive use of Spanish; reading, note-taking, as well as classroom discussions. The content of the Historia de Mexico, is designed for the student who has completed an examination of Western Civilization and American History and who now seeks a closer view of America' neighbors to the south. Through class discussions, oral reports, and numerous essays, students will compare and contrast the socioeconomic evolution and chronology of the Mexican population.

**FOREIGN LANGUAGE DIRECTED STUDY** (1 semester)

A fourth-year course of study designed for students who are interested in pursuing learning on their own. Students who apply must be capable of extensive self-discipline at home and on campus. Students will study a subject of their own interest, reporting weekly on their progress. Students must possess a 3.0 GPA in all three years of the specific language, and obtain written permission from both the teacher under whom they will study, and from the department chairperson. A Directed Study Contract must be completed before approval.

**FOREIGN LANGUAGE TEACHER AIDES** (1 semester)

A fourth year course for students who select a teacher for the purpose of helping in class participation, evaluation and tutoring. Students must possess a 3.0 G.P.A. in all three years of the specific language; the student must obtain written permission from both the teacher under whom he will work and from the department chairperson.

**BEGINNING A SECOND FOREIGN LANGUAGE** (2 semesters)

Students with an exceptional proficiency in their first foreign language and a high GPA overall are invited to begin a second foreign language along with the first or after completing their language requirement. If a student opts to begin a second language before completing his requirement, he will continue his first language at least to level III attainment. He may drop his second language at the end of any academic year if he so chooses. Students with two languages simultaneously make a schedule adjustment with the Assistant Principal for Academic Affairs and/or their Counselor. Each student's schedule is handled on an individual basis. This usually involves some required summer school course to satisfy all graduation requirements. The departmental requirement remains the same for the student who has two languages; that is, he must attain competency in level III of the first language as his graduation requirement.
MATHEMATICS DEPARTMENT

CHAIRPERSON: Mrs. Emily Villa de Rey

DEPARTMENTAL REQUIREMENTS: Six (6) semesters

DESCRIPTION OF COURSES:
The usual course of study for a Loyola student is Algebra I, Geometry, Algebra II, Trigonometry, and Math Analysis. These courses are taught as college preparatory courses and the pace and levels of difficulty are set accordingly. For students with exceptional background and/or exceptional aptitude in math there is an honors track. Honors courses are restricted and departmental approval is required for enrollment.

ALGEBRA 1 (2 semesters)
This one-year course will teach students the basics of the number system and the use of algebraic expressions and equations. The course will cover functions, graphs, and applications. It will also develop the skills necessary to continue college-prep study. This course will provide a foundation, upon which students will build during their time here at Loyola.

Topics covered include: properties of real numbers; representation of verbal expressions as mathematical expressions; methods for solving equations, inequalities and application problems; proportions; factoring; simplifying rational and radical expressions; forms of linear equations and graphing techniques; and methods for solving systems of equations and quadratics.

ACCELERATED ALGEBRA 1 (2 semesters)
This one-year course will teach students the basics of the number system and the use of algebraic expressions and equations. Students enrolled in this course are expected to already be proficient in applying the order of operations, performing operations with negative numbers and fractions, and solving equations and inequalities.

Topics covered include: proportions; factoring; simplifying rational and radical expressions; forms of linear equations and graphing techniques; and methods for solving systems of equations and quadratics.

GEOMETRY (2 semesters)
This one-year course covers geometric terms and processes, logic, and problem solving. Various forms of proof are studied. Emphasis is placed upon reasoning and problem solving skills gained through study of the following major topics: angle relationships, congruent and similar triangles, geometric inequalities, parallel lines and their applications to quadrilaterals, areas of a polygon and circular regions, arcs and angle measures related to circles, and surface area and volume of solids. Trigonometry will be introduced as it applies to geometry. Algebraic skills (particularly work with ratios, simplification of and operations with radicals) are applied.

HONORS GEOMETRY (2 semesters)
This is a one-year course. Students at this level are expected to be self-motivated, independent learners. In comparison to the college-preparatory level Geometry class, this honors course goes into greater depth and moves at a faster pace. This course covers geometric terms and processes, logic, and problem solving. Various forms of proof are studied. Emphasis is placed upon reasoning and problem solving skills gained through study of the following major topics: angle relationships, congruent and similar triangles, geometric inequalities, parallel lines and their applications to quadrilaterals, areas of a polygon and circular regions, arcs and angle measures related to circles, surface area and volume of solids, and coordinate geometry. Trigonometry will be introduced as it applies to geometry. Algebraic skills (particularly work with ratios, simplification of and operations with radicals) are applied.

**ALGEBRA 2** (2 semesters)
This one-year course will continue the student’s study of advanced algebraic concepts including a thorough discussion of the “elementary functions”: exponential, logarithmic and polynomial. Graphical and analytical thinking are stressed throughout the year, as is the development of problem solving skills. A programmable graphing calculator is recommended.

**HONORS ALGEBRA 2** (2 semesters)
This is a one-year course. It is expected that students enrolled in this course will have completed Honors Geometry (or its equivalent) with a grade of B or better and have been recommended by their teacher for advancement in the Honors Program. A programmable graphing calculator is required.

This course will explore the use of algebraic expressions, equations, and their graphical representations. Many of the topics covered in Algebra I will be reviewed and studied in greater depth, while some other topics will be introduced for the first time, including complex numbers and conic sections.

**TRIGONOMETRY** (1 semester)
This one semester course is for students who have successfully completed a full year of Algebra II. A complete presentation of trigonometry is given. Topics include: Trigonometric functions as ratios of sides of right triangles and as related to circular and simple harmonic motion; applications; methods for graphing; trigonometric identities, equations and formulas; inverse trigonometric functions; Law of Sines and of Cosines; trigonometric form of complex numbers and DeMoivre’s Theorem. A programmable graphing calculator is required.

**MATH ANALYSIS** (1 semester) (only offered in the spring semester)
This one semester course is for students who have completed a semester of Trigonometry. The topics covered include: Exponential and logarithmic functions, including the natural logarithm; determinants and Cramer’s Rule; Binomial Theorem; sequences, including arithmetic and geometric; combinations, permutations and probability. A programmable graphing calculator is required.

**SENIOR MATH TOPICS** (1 semester)
This one-semester course is designed for senior students who will benefit from remediation in Algebra 2 topics in preparation for taking a college algebra class after graduation.

**HONORS PRE CALCULUS** (2 semesters)
This course is a continuation of Honors Algebra II. It is expected that students enrolled in this
course will have completed Honors Algebra II (or its equivalent) with a grade of B or better and have been recommended by their teacher for advancement in the Honors Program. A scientific calculator is required, preferably a programmable one.

The emphasis in the first semester is on Trigonometry. Numerical methods, graphs, identities, and the inverse trigonometric functions are covered. Optional topics: vectors in 2 and 3 dimensions; and complex numbers in trigonometric form.

During the second semester, matrix algebra and linear systems are studied in some depth, with emphasis on applications. Polar and parametric graphs are also studied. An additional focus point is arithmetic, geometric, and recursive sequences and series, both finite and infinite. Optional topics include: Gaussian elimination; Cramer's Rule; non-linear systems; mathematical induction; the binomial theorem; and elementary counting techniques (permutations and combinations).

**CALCULUS** (2 semesters)
This one-year course consists of the first two semesters of Calculus. This course does not prepare the students for the AP exams, but will provide a good background for continued work in mathematics in college. Topics include: Graphical and numerical approaches to concepts of limits, derivatives and definite and indefinite integrals; techniques and properties of differentiation and integration; applications (optimization, related rates, rectilinear motion); exponential and logarithmic functions.

**AP CALCULUS AB** (2 semesters)
This is a one-year course, and one semester of college credit may be earned upon passing the A.P. Exam. Topics include: limits, continuity, differential and integral calculus, and related applications to include logarithmic, exponential, trigonometric functions. This course is restricted to students who have at least a 3.5 overall GPA and a 3.9 GPA in honors-level mathematics. Approval by the department is required. Honors Algebra II and Honors Pre-Calculus are the usual prerequisites.

**AP CALCULUS BC** (2 semesters)
Calculus BC is a full-year course in the calculus of functions of a single variable. It includes all the topics covered in AP Calculus AB plus additional topics such as polar and parametric curves, differential equations and infinite series. Two semesters of college credit may be available upon passing the A.P. Exam. This course is restricted to students who have at least a 3.5 overall GPA and a 3.9 GPA in honors-level mathematics. Approval by the department is required. Honors Algebra II and Honors Pre-Calculus are the usual prerequisites.

**AP STATISTICS** (2 semesters)
This one-year course is equivalent to a one-semester introductory non-calculus based college course in statistics. Students will be exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inferences. This course is restricted to students who have at least a 3.5 overall GPA and a 3.9 GPA in honors-level mathematics. Approval by the department is required. Honors Algebra II and Honors Pre-Calculus are the usual prerequisites for approval.

**AP COMPUTER SCIENCE** (2 semesters)
This year course is designed to provide the student with a fundamental understanding of object-oriented programming using the Java language. AP Computer Science “A” covers program design, looping and decision making constructs, classes, inheritance hierarchies, polymorphism, and an
introduction to recursion and data structures. This course is open to seniors with a strong mathematical background. Prior honor and/or AP math courses are desirable.

**INTRODUCTION TO COMPUTER PROGRAMMING** (1 semester – fall only)
This one semester math elective is open to all students. No previous experience is required. No personal home computer is needed. In order to expose students to good programming techniques, the C++ language is used. The techniques learned in this course can be transferred to other high-level languages. Much hands-on experience is available and the assignments are applicable to any field of interest. Although this course is recommended especially to those students planning to be prepared for the next century, an organized and logical mind is advised.

**COMPUTER PROGRAMMING 2** (1 semester – spring only)
This course continues from the Computer Programming I course in the first semester. This course is intended to introduce the students to advanced concepts of C++ programming and Windows programming.

**DIRECTED STUDY** (1 or 2 semesters)
A very few qualified students may sign a contract with the department agreeing to the amount of work they will do with a specified teacher. The students must draw up a program, have it approved by the directing teacher, and submit this to the department.

**MATHEMATICS TEACHER AIDES** (1 or 2 semesters)
This program is for outstanding seniors who want to encounter the learning situation from a different viewpoint. The teacher aide is responsible for assisting the teacher in the daily classroom activities by leading group discussions and helping small groups in their work, and by assisting students who require tutorial help. The generous senior is given a chance to practice concern for his fellow man. Credit is given for this course. Students wishing to apply should consult with the teacher they wish to assist and then inform the Department Chairperson of their choice. This should be done weeks before registration. Prerequisite: Students must have a 3.0 GPA overall, a 3.0 GPA in Math, and a willingness to accept the responsibility of working in the classroom every day. Permission of the instructor and department chairperson is required.
SCIENCE DEPARTMENT

CHAIR: Mr. Craig Bouma

DEPARTMENT REQUIREMENTS: Six semesters

PHYSICS FOR FRESHMEN
2 semesters Open to all freshmen
Physics is an introductory, year-long laboratory course in which students study kinematics, dynamics, energy, momentum, waves and optics, and electricity. Physics is the study of the fundamental laws of nature and the search to understand the interactions between matter and energy. This course will examine concepts of mechanics; kinematics (motion) and dynamics (force); the laws of conservation of energy and linear momentum; waves; electricity; light; through an inquiry-based curriculum, facilitation of the teacher, projects, cooperative learning, the use of demonstrations, computer simulations, laboratory activities and lectures. Although general physics is not a rigorously mathematical course, students are expected to have a working knowledge of the fundamental principles of algebra. Laboratory work is an important component used to aid the student with his understanding of the physical world.

CHEMISTRY
2 semesters Open to all sophomores
Prerequisite: physics recommended
General Chemistry is a year-long inquiry-based laboratory course. Topics include: atomic and molecular structure, stoichiometry, gases, chemical reactions, chemical bonding, liquids and solids, solutions, equilibrium, acids and bases, electrochemistry, and nuclear chemistry. In addition to building a strong foundation of chemical concepts, this course will allow students to transfer their learning to complete projects connecting the chemistry they learn to the world around them. This course provides a fundamental foundation of the knowledge required for further study in the sciences.

CHEMISTRY - HONORS
2 semesters Open to selected sophomores
Prerequisite: high achievement in math and recommendation of science department
A good understanding of chemistry is essential in our modern, technology-driven society. As the “central science,” chemistry relates to all other fields of science and engineering. This course is fast-paced, rigorous introduction to the study of matter and how it behaves. Topics include atomic theory, inorganic nomenclature, chemical reactions and stoichiometry, quantum mechanics, chemical bonding, gases, phases, thermodynamics, kinetics and catalysis, chemical equilibrium, electrochemistry, nuclear chemistry, and a brief introduction to organic molecules and their structure. The course includes lecture-based instruction, demonstrations, and group activities; concurrent laboratory experiments are designed to reinforce the concepts discussed in class. Another key goal of the course is the development of sophisticated critical thinking and problem-solving skills, accompanied by training in how to think scientifically and correlate experimental results with reality. Note: this class is mathematically intensive, and students who do not have an excellent grasp of algebra will encounter significant difficulties.
CHEMISTRY - ADVANCED PLACEMENT
2 semesters Open to selected juniors and seniors
Prerequisites: successful completion of a year of chemistry; high achievement in math and recommendation of science department.
As a second-year course AP Chemistry is designed for students who seek a deeper understanding of the structure of matter and how this correlates to its behavior. All of the major topics discussed in Honors Chemistry are revisited in more detail, with an emphasis on the theory behind the general results presented in the first–year chemistry course. This course is the equivalent of a one–year college–level introductory chemistry course and it culminates in the taking of the College Board™ Advanced Placement Chemistry Exam in May.

The first semester includes a review of basic organic and inorganic nomenclature and reactivity, followed by an atoms–first organization of material. Topics covered include atomic structure and quantum mechanics, molecular structure and chemical bonding, the gas phase, condensed phases, thermodynamics and its application to phase equilibria and intermolecular forces, kinetics, and nuclear chemistry. The second semester is a comprehensive study of chemical equilibrium, including discussions of aqueous solubility, acid–base chemistry, and electrochemistry. Finally, the nomenclature, reactivity, and bonding in transition metal complexes are introduced.
Laboratory experiments (a total of sixteen during the year) are designed to complement the material covered in lecture. The formatting and style of scientific writing are also introduced in conjunction with the laboratory experiments. The end of the course includes a comprehensive review of the material covered, including a discussion of testing strategies and three full–length practice AP exams.

This is a restricted course and enrollment is by application and the consent of the instructor. The prerequisites for this course are Chemistry (semester grades of A or better) or Honors Chemistry (semester grades of B+ or better). Students should also have taken, or have concurrent enrollment, in Algebra II. Note: lab experiments are college–level and length, and require attendance at occasional 7th period classes. Students enrolled in any period 7 course should NOT enroll in AP Chemistry, due to conflicts with laboratory experiment times.

BIOLOGY
2 semesters Open to juniors and seniors
Prerequisite: chemistry
Biology is the scientific investigation of living things. All creatures great and small in the diversity of life are studied: plants, animals, fungi and microbes. Students investigate the living world from four major perspectives: 1) the molecular level where all life begins; 2) genetics and how genes function and direct the actions of life; 3) interactions and interconnectedness and how humans might use, live with and sustain life on our planet; and 4) the creation and change of living things over time. Students will organize, analyze, discuss and publish their scientific work in the ways that practicing scientists do. Students will also discuss the relevance of these experiences and ideas to their life and those in our society.
BIOLOGY - ADVANCED PLACEMENT
2 semesters Open to selected juniors and seniors
Prerequisite: chemistry, high achievement in science, math and recommendation of science department
AP Biology is a scientific study of life. Students will explore the structure and scale of life, the diversity and unity of biological organisms and systems, evolution, the mechanisms of molecular genetics and heredity, major functional systems in plants and animals, use of energy by organisms and ecology. Lab activities include molecular analysis of DNA fragments through electrophoresis, separation of chlorophyll pigments, the study of habitat selection of brine shrimp, and effects of dissolved oxygen and aquatic productivity. It will prepare students for the national AP test for college credit.

ENVIRONMENTAL SCIENCE - ADVANCED PLACEMENT
2 semesters Open to selected juniors and seniors
Prerequisite: high achievement in science and recommendation of science department
Advanced Placement Environmental Science is an integrated science course taught at the first-year college level. This class requires dedicated, highly self-motivated learners who have the ability and study skills to work independently. The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. Unlike most other college introductory-level science courses, environmental science is offered from a wide variety of departments including geology, biology, environmental studies, environmental science, chemistry and geography. The APES course is a rigorous science course that emphasizes scientific principles and analysis while also touching on the sociological and political perspectives. The course is intended to enable students to undertake, as first year-college students, a more advanced study of topics in environmental science or alternatively, to fulfill a basic requirement for a laboratory science and thus free time for taking other courses. Many of the sections of this course are “team-taught.”

PHYSICS (SENIOR-LEVEL)
2 semesters Open to seniors
Prerequisite: two years of science
Physics is an introductory laboratory course in which students study kinematics, dynamics, energy, momentum, waves and optics, and electricity. Physics is the study of the fundamental laws of nature and the search to understand the interactions between matter and energy. This course will examine concepts of mechanics; kinematics (motion) and dynamics (force); the laws of conservation of energy and linear momentum; waves; electricity; light; through an inquiry-based curriculum, facilitation of the teacher, projects, cooperative learning, the use of demonstrations, computer simulations, laboratory activities and lectures.

PHYSICS - ADVANCED PLACEMENT
2 semesters Open to selected seniors
Prerequisite: high achievement in science, math and recommendation of science department.
AP Physics is an introductory, college level course in the scientific study of Physics. Students will explore the concepts of motion, inertia, conservation of energy, conservation of linear and angular momentum, simple harmonic motion, and Newton’s laws of gravitation, electric fields, electric circuits, and magnetic fields. Lab activities include the determination of the acceleration due to gravity, the study of linear and angular momentum, collisions in one dimension, and simple harmonic motion, and electric circuit analysis. For AP Physics C students must have completed Chemistry and must be concurrently enrolled in either AP Calculus or Honors Pre-Calculus. Students are admitted to the course only with the permission of the instructor. (*AP Physics B expected to test in 2013 at the earliest under the redesign.)

**GEOLOGY - HONORS**
2 semesters Open to selected seniors
Prerequisite: high achievement in science and recommendation of science department.
Honors Geology is a college course which provides 4 semester units of college credit from the California State University at Northridge. No AP exam is required to receive this credit. The course explores a broad range of geologic processes by conducting over forty labs and activities. Additionally, students participate in two field trips to local mountains and beaches, the San Andreas Fault and several mines. Major topics include: plate tectonics, rocks and minerals, natural disasters, volcanoes, geobiology, planetary geology, earthquakes, groundwater and the environment, caves, glaciers, and ocean development. Prerequisites include at least a B grade in chemistry and prior approval of the instructor.

**OCEANOGRAPHY**
2 semesters Open to seniors
Oceanography is a yearlong laboratory course that explores the world’s oceans. The class investigates many aspects within the ocean including ocean creation, marine provinces, physical properties of water and seawater, waves, tides, and marine biology. There are many laboratory activities incorporated throughout the year. Precise lab work is critical, and will count for a major portion of the overall grade.

**ANATOMY & PHYSIOLOGY**
2 semesters Open to seniors
Instruction in the Anatomy & Physiology is based primarily on the "systems" approach. This approach places emphasis upon an entire organ system of the body, and it proposes to integrate the learning of both the anatomy and physiology of that system. This method of presentation, while it may provide a greater challenge to the instructor, will retain the attention of the student longer, and provide a more concomitant learning atmosphere. There will be tremendous emphasis placed upon visual aid and representation throughout all aspects of the course. Also, through a combination of hands-on laboratory exercises, class discussion, current events, and projects relating to the human body and medicine, they will be challenged to look at the function and dysfunction of the human body from a myriad of sources. Students will gain a greater appreciation of the complexity and beauty of the human body.
**SCIENCE TA'S**

Students will be assisting the science teachers in preparing lab experiments, correcting papers, helping students who are having difficulty, etc. Interested students must receive approval from both the teacher for whom they are interested in working and the department chair before registering for a Teacher Aide position.
THEOLOGY DEPARTMENT

CHAIRPERSON: Mr. Scott Johnson

DEPARTMENT REQUIREMENTS: Six semesters
   Two semesters in the freshman year
   One semester in the sophomore year
   Three semesters in the junior and senior years

FRESHMAN YEAR

SCRIPTURE (2 semesters)
This course is a full year study of the Hebrew and Christian Scriptures or the Old and the New
Testaments. The first semester will focus on the Old Testament or Hebrew Scriptures and the second
semester on the New Testament or Christian Scriptures. This course will provide a foundation and a
springboard for all future theology classes at Loyola. Therefore, this introductory course will teach
the basic elements of the Hebrew Scriptures; the Books of the Laws (Pentateuch), Prophets and
Writings. We begin with God’s call to Abraham through “Covenant”, God’s liberation through the
“Exodus” and the giving of the “Law” through Moses, and the God’s “Unity” of the his people under
the kingship of David. Through the study of the Prophets and the Prophet Era, this course continues
to demonstrate the relationship of the Hebrew people to God as a constant call to live their lives in
authentic relationship with God. This course continues second semester with the New Testament or
Christian Scriptures: The Gospels, Letters of Paul and the Writings. We begin with God’ continued
revelation through Judaism and a new revelation of Himself in His Self-revelation to the world in the
person Jesus Christ. We explore the life of Jesus and the revelation of God through Him. We will
come to know these stories well, how they came to be written and meaning of those written
experiences of God. We will ultimately see that God’s love transforms people's lives allowing them
to experience this love of God and how we are challenged as Christians to be that loving experience
in the lives of other people.

SOPHOMORE YEAR

THEOLOGY 2 (1 semester)
In this social justice course, students analyze and critically reflect on major global issues in light of
past and present Catholic social teachings found in the important sources of Christian social ethics:
Sacred Scriptures, Tradition, Reason (natural law), and human experience. Through readings,
discussions, personal reflection, prayer and other activities, this class highlights the Church’s special
ongoing concern for the poor and the marginalized. Students are invited to examine the Christian
understanding that the love of God and love of others is inseparable and study the ramifications of
this belief on how we live the Christian faith. Emphasis is placed on the importance of growing in
our empathy, compassion and love for our sisters and brothers throughout the world and the
importance of rooting true Christian living in faith, love and a commitment to justice. This course
may be taken for credit in summer school.
JUNIOR/SENIOR YEARS

FAITH OF CATHOLICS  (1 semester)
This course systematically presents the teachings of the Catholic faith regarding its beliefs and practices using the four pillars of faith inspired by the great traditions of catechisms: the baptismal profession of faith (the Nicene Creed), the sacraments of faith, the life of faith (Catholic morality), and the prayer of the believer. To accomplish these tasks, the course will draw upon not only the appropriate references of the Sacred Scriptures, the living Tradition in the Church, and the guiding direction of the Magisterium, but also look to the relevant insights of believing persons within the spiritual heritage of the Catholic Church and the Jesuit tradition in particular. This approach will ultimately help ensure that the course presentation contains old and the new, making for an understanding of faith which shows fidelity to the past while also managing to respond to the questions of our present age.

MORAL THEOLOGY  (1 semester)
This required theology course asks the question, “What kind of person am I becoming, and what kind of person do I want to become?” In order to answer these questions we will examine secular moral philosophy, Catholic Church teaching, and our own moral compass. Throughout the course students will take contemporary moral issues as case studies for these three sources of morality. They will develop a sense of personal and social morality and attempt to illuminate how a person of faith should live in the 21st Century.

JUNIOR/SENIOR ELECTIVES
(The courses listed below are not offered every semester)

WORLD RELIGIONS  (1 semester)
The course is designed to enable students to have both an intellectual understanding and a personal reflection on the major religions of the world. Through the study of these religions the student will have a deeper understanding of and appreciation for the different religious traditions and cultures of our global community. Such understanding and appreciation are indispensable for promoting world peace in our conflict and tension-filled global village today. The course will help students to be more aware of: a) their own growth process as young men and, b) their encounters and experiences with the Sacred in their own lives and relationships; thereby cultivating a sense of sacredness, wholeness, and peace which makes life more joyful and fulfilling.

SCIENCE AND RELIGION  (1 semester)
This theology elective course will serve as an introductory survey on the relationship between science and religion. To sort out the variety of ways in which people have historically related science and religion, we will utilize a four-fold typology method – conflict, independence, dialogue, and integration – commonly employed by recognized experts in the interdisciplinary field of science and religion. In addition, the examination of this relationship between science and religion will be presented within the context of the Judeo-Catholic/Christian tradition, which adheres to the notion that having to finally choose between science and religion is a false dilemma. Rather, the conclusions reached by science in studying nature and by religion in reflecting on the deposit of faith, when properly understood according to their respective appropriate limits, at the very least,
must never conflict, and the very most, can coincide in ways which contribute to a meaningful account of God, man, and the cosmos.

**LETTERS OF PAUL** (1 semester)
This course is designed to look in depth into the person “Paul” and his “Writings”. Paul, being a Hellenized, Diaspora Jew with Roman citizenship living in the Roman city of Tarsus, makes him a unique and qualified person to translate Judaism of the Palestinian Jews into the Christ centered Christianity for the Gentile living in the Gentile Roman World. Paul’s Letters to the churches or communities he founded provide for us an important insight into Paul and his theology. We will look at the socio-political, cultural, economic, and religious backgrounds for these Letters and hopefully come away with a fuller understanding of the person Paul and the meaning of his writings, along with a more complete comprehension of the emergence of Christianity.

**NARRATIVE THEOLOGY** (1 semester)
This course is designed at taking a non-conventional approach into the exploration of theological and moral issues. Is there a connection between who we understand God or the godly to “BE” and the way we live our lives. Does philosophy and our rational mind alone define God? Can we know who God is or must we experience this God in our own lives? We will examine the human condition in and through “Story”. We will reflect on our own life – our own “Story”. In these stories, we will investigate how one’s belief in God or the struggles to know if God even exists, influences and determines a person’s behavior in the story and our own actions within our own stories. We will read and watch through literature and Film powerful “stories” that will engage us, motivate us, enlighten us and challenge us … we may even experience, through these narratives, a quick glimpse into the Divine.

**CHRISTOLOGY** (1 semester)
This Course asks the question “Who is Jesus?” This investigation begins with looking at who Jesus was, in his historical context. We will examine and research the life, death and resurrection of Jesus. In an attempt to know who the ‘historical’ Jesus was, we will soon realize the limits of that ‘quest’ and shift our focus to who the early believers understood and experienced Jesus to have been. We will look at a variety of ‘Christologies’ attempting to understand this real ‘mystery’ of the incarnation of God, how Jesus Christ is just that for the Christian Catholic believer, and how this can lead us to a real and vital relationship with God. And to take it a step further, we will then look at how nurturing this relationship calls us to live “in” the ‘Kingdom of God’ which Jesus preached!

**IGNATIAN SPIRITUALITY** (1 semester) (not offered in 2010-2011)
The term "Loyola" has either been revered or scorned by many throughout history. It identifies a spirituality that has enriched many people --- and has been at times misrepresented, misunderstood, and fought against. Here in Los Angeles, "Loyola" can be seen on numerous sweatshirts, jackets, book bags, and binders, but the tradition and legacy of Ignatius of Loyola is somewhat mysterious to many. This course seeks to introduce the charism and theology of Ignatius Loyola by studying his life and legacy to the Christian people.

**FOURTH GOSPEL: JOHN** (1 semester) (not offered in 2010-2011)
This course will explore the content and the quality of the Gospel of John, discovering why it is the most "theological" of the Gospels and why it has such a relevancy for each generation. Various
theories on the authorship, date and cultural setting will be examined along with the literary techniques and the strong sense of the dramatic used by this Gospel writer to proclaim Jesus as the Word of God incarnate. It is a study in one of the Church's primary foundations of Christology.

DIRECTED STUDIES  (1 semester)
This course is designed for serious and competent students who are interested in pursing learning on their own. Students who apply for this course must detail in writing the nature of their study, which includes the topic, the objectives, the procedure, the readings and the assignments, and the method of evaluation for the course work. A selection of students will be made by the Theology Department (in April for the fall semester; in November for the spring semester), and the students will sign a Directed Study Contract Agreement assuming full responsibility for the completion of their projects and their activity during the program. Because of the great demands made by this program, each teacher will be allowed only one Directed Study student per semester. Prerequisite: permission and approval of the department chairman and the instructor.

THEOLOGY TEACHER AIDES  (1 or 2 semesters)
This course is designed to give seniors, interested and talented in Theology, an opportunity to aid freshmen, sophomore, and junior Theology teachers in their classes. Activities include leading group discussions, tutoring students, and assisting the teacher in correcting exams. Prerequisite: Students must have a 3.0 GPA overall, a 3.0 GPA in Theology, a willingness to accept the responsibility of helping to correct homework and exams, planning course materials, and working in the classroom every day. Permission of the instructor and department chairperson is required.
HEALTH/PHYSICAL EDUCATION DEPARTMENT

CHAIRMAN: Mr. Fernando Hernandez

PHYSICAL EDUCATION (1 semester)
This course is designed for freshmen and sophomores and provides a well-rounded exposure to a multitude of physical activities that prepare the student for a lifetime of good health. Students participate in distinctive four-week units designed to provide a wide array of experiences in the physiological and psychological participation in sport and physical activity. Topics include: Aquatics, Field Sports, Court Sports, and Fitness and Weight Training.

LIFETIME FITNESS AND WELLNESS (1 semester)
This course is designed for juniors and seniors and covers topics in lifetime fitness and wellness providing a well-rounded exposure to healthy activities that prepare the student for a lifetime of good health choices. Students participate in weekly units designed to provide experiences in the physiological and psychological participation of physical activity. This course is divided into two parts: two days lecture and two days of physical activity each week. Topics include: Introduction to Fitness and Wellness; Health Benefits of Physical Activity; Preparing for Physical Activity; How much is enough and setting realistic goals; Cardiovascular Fitness; Flexibility; Muscle Fitness; Body Composition; Exercise Risks and Injury Prevention; Developing a plan for the future; Hydration and Health Foods; Nutrition; Managing Stress and Relaxing through movement; Recognizing Quackery; and, P.E.D.S. and the future.

HEALTH (1 semester)
This course is designed to cover fundamental and current topics in healthy habits and wellness. This semester course focuses on the six dimensions of health: mental, physical, emotional, spiritual, intellectual, and social. Throughout the semester we will cover areas of conflict resolution, injury prevention, alcohol and other drugs, community and environmental health, family health and sexuality, mental and emotional health, nutrition, personal and consumer health, physical activity, and tobacco. This course is a graduation requirement usually completed by the end of sophomore year.
SOCIAL SCIENCES DEPARTMENT

CHAIRPERSON: Mr. Daniel Annarelli

DEPARTMENTAL REQUIREMENTS:
Students must complete at least one Social Sciences course during seven semesters at Loyola High School. Freshmen must take a one-semester course combining Global Studies and Study Skills. Sophomores must take a full year continuation course of Global Studies: World History II. Juniors must take the full year course in United States history. Seniors must take two electives (one each semester) or a year-long offering from among the various Social Science electives.

FRESHMEN

WORLD HISTORY I (1 semester)
The course contains two essential components. A portion of the course is devoted to the development of the students' study skills and is done with an eye towards technology, research, writing, and public speaking. The other key element of the course is a thorough examination of the cultural background and current situation in the various nations of the Western Hemisphere, Middle East, Africa, Latin America and Asia. Themes of global interdependence and social justice are stressed.

SOPHOMORES:

WORLD HISTORY II (2 semesters)
Students will study the fundamental cultures and events that have been particularly significant in the development of major civilizations from the first millennium on. The first semester will emphasize European Feudalism, the development of Islamic Empires, the dynastic traditions of China, Imperial Japan, and Native American societies. In the second semester, students concentrate on a thematic study of global history, highlighting the process of developing global economic systems, imperialism, industrialization, revolutions in politics, modern warfare, and 20th century society.

AP WORLD HISTORY II (2 semesters)
AP World History is an advanced level course for sophomores. The class will cover various themes in history dating from antiquity to current global realities of the 21st century. The course emphasizes the political, economic, social, cultural, geographical, and technological principles that have contributed to the development of human civilizations around the world. Apart from knowing the basic chronology of events, students should form a strong relationship with the underlying themes of World History as well as an ability to analyze historical documents (both primary and secondary) and communicate a sophisticated knowledge in both written and oral expression. College Credit may be available to students who score 3 or better on the AP exam in May.

JUNIORS:
SURVEY OF UNITED HISTORY, PRE-COLUMBUS-PRESENT (2 semesters)
United States history is a one-year course designed to introduce the student to the fundamental themes of American civilization from pre-Columbian times through today. Major topics include pre-Columbian North American Cultures, Colonization, the American Revolution, the framing of the Constitution, the Early National Period, Westward Expansion, the Civil War and Reconstruction, Industrialization, Imperialism, Progressivism, World War I, the Roaring Twenties, the Depression, the New Deal, World War II, the Cold War, the 1960's and 1970's.

A.P. U.S. HISTORY (2 semesters)
This accelerated two-semester class for Juniors explores the same themes, problems, and issues that are examined in the college prep survey course in American history. This course, however, will go into greater depth, place a stronger emphasis on primary source documents and expert historians’ writings. No formal textbook will be included. Students will make extensive use of American history websites. The homework load will be more challenging and the regular writing assignments will emphasize persuasive argument.

SENIOR ELECTIVES:

AP US GOVERNMENT (2 semesters)
This course begins with a review of the basic types of principles of governments through history. It examines the needs, purposes and functions of various governments and political philosophies. The course will focus mainly upon an analysis of the fundamentals of American government: a review of the three branches of the federal government, analysis of federalism, and an analysis of the changing relationship of the federal government and the states in recent American history.

A.P. EUROPEAN HISTORY (2 semesters)
Advanced Placement European History is a college level course offered to students in their senior year. The goal of the course is for students to understand and explain the key events in European history from 1450 to the present. Apart from knowing the basic chronology of events, students should form a strong relationship with the underlying themes of Modern European History as well as an ability to analyze historical documents (both primary and secondary) and communicate a sophisticated knowledge of this history in both written and oral expression. College Credit may be available to students who score 3 or better on the AP exam in May.

A.P. ART HISTORY (2 semesters)
This accelerated course is designed for Seniors interested in studying Painting, Sculpture, Architecture, and Photography. The two-semester course will encompass works from the cave art of pre-history through the contemporary art scene. Although major emphasis will be given to the Western tradition, the class will also focus on Art beyond the Western tradition (Africa, Asia, Latin America). There is no textbook. Power points and websites will instead be extensively used.

AP PSYCHOLOGY (2 semesters)
This course is designed to introduce the students to the systemic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students also learn about the ethics and methods psychologists use in their science and practice.

**GENERAL PSYCHOLOGY** (1 semester)
This is an introductory course in psychology designed to acquaint the student to the definition, history and goals of this rapidly evolving field. The class presents an understandable, yet thorough and accurate, picture of the major findings, methods and applications of psychology. Topics covered include; learning theory, memory formation, hemispheric separateness, perception, motivation, emotions, altered states of consciousness, developmental theory, stress, personality theory and abnormal behavior, as well as the work of major psychologists. Psychology is shown as a rigorous and comprehensive science whose fundamental aspects apply to the individual and society.

**ECONOMICS** (1 semester)
This course introduces the students to the study of various economic philosophies and systems. Attention is devoted to the study of goods and services, the consumer, labor, public finance and the role of government, money credit and banking, and the United States and the world economy.

**A.P. ECONOMICS** (2 semesters)
This course will prepare student for both the AP Microeconomics and the AP Macroeconomics exams. The purpose of these courses as published by the College Board is: The purpose of the AP course in Microeconomics is to give the students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and the role of government in promoting greater efficiency and equality in the economy.

The purpose of the AP course in Macroeconomics is to give the students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places a particular emphasis on the study of national income and price determination, and also develops student’s familiarity with economic performance measures, economic growth, and international economics.

**HISTORY OF MEXICO** (1 semester usually taught in the Spring Semester only)
This one semester course will provide the student with an overview of the history of Mexico, from the ancient civilization of the pre-Colombian period to modern Mexico. The course is designed for the student who has completed an examination of Western Civilization and American History and who now seeks a closer view of America's neighbors to the south. Through class discussion, oral reports, and numerous essays, students will compare and contrast the socioeconomic evolution and chronology of the Mexican population.

**AFRICAN-AMERICAN STUDIES** (1 semester)
This course will trace the African’s story from 3200 B.C. in their homeland, through present day America. Major emphasis will be given to slavery, the transition from slavery, and the assimilation of African Americans in modern day America. Students will be expected to fashion their own understanding and interpretation of African Americans from a variety of sources of information.

**MODERN US HISTORY** (1 semester)
This course examines the national and international challenges the United States faced and overcame in the five decades from 1950 to 2000. It is designed to assist college-bound students to understand better the most significant political, social and economics trends that shaped the United States in the second half of the twentieth century.

**DIRECTED STUDY** (1 semester)
This course is designed for serious and competent students who are interested in pursuing learning on their own. Students who apply for this course must detail in writing the nature of their study, which includes the topic, the objectives, the procedures, the readings and the assignments, and the method of evaluation for the course work. A selection of students will be made by the Social Studies Department (in April for the fall semester; in November for the spring semester), and the students will sign a Directed Study Contract Agreement assuming full responsibility for the completion of their projects and their activity during the program. Because of the great demands made by this program, each teacher will be allowed only one Directed Study student per semester. **Prerequisite:** permission and approval of the department chairperson and the Directed Studies instructor.

**SOCIAL STUDIES TEACHER AIDES** (1 or 2 semesters)
This course is designed to give seniors, interested and talented in Social Studies, an opportunity to aid freshmen, sophomore, and junior Social Studies teachers in their classes. Activities include leading group discussions, tutoring students, and assisting the teacher in correcting exams. **Prerequisite:** Students must have a 3.0 GPA in Social Studies, a willingness to accept the responsibility of reading assigned literature, preparing small group discussions, helping to correct homework and exams, planning course materials, and working in the classroom every day. Permission of the instructor and department chairperson is required.
FINE AND PERFORMING ARTS ELECTIVES

CHAIRPERSON: Mr. Walter Wolfe

DEPARTMENT REQUIREMENTS: The Loyola High School graduation requirement is one semester of fine arts. The University of California and the California State University systems require a full year of fine arts. UC and CSU require a student to complete both Parts I and II in the same fine and performing arts discipline. Although highly encouraged, Part I and II do not have to be completed in the same academic year.

SPECIAL NOTES:
1. All Fine and Performing Arts classes meet the Loyola H.S. graduation requirement.
2. All Fine and Performing Arts classes meet the University of California system's art requirement. This is a two semester requirement.
3. All Fine and Performing Arts classes meet the California State system's art requirement. This is a two semester requirement.
4. All Fine and Performing Arts classes are figured into the student's GPA/class standing.
5. There is a lab fee charge made for each Fine Arts course taken.

PHOTOGRAPHY I (1 semester) & PHOTOGRAPHY II (1 semester)
Course Description: This course introduces students to artistic design and compositional skills through an exploration of Black and White Photography. Through project-based learning, students will be guided in the creative use of the camera, and a working knowledge of its accessories and the basic chemistry of image making. Students will use darkroom equipment to develop their own film and make a print from the negative. The second semester provides students with opportunities to extend and strengthen their knowledge and skills in this creative medium. This course will familiarize students with advanced and innovative materials, methods, and processes in order for them to develop a meaningful body of photographic work.

PAINTING I (1 semester) & PAINTING II (1 semester)
Course Description: This course develops the skills, techniques, and knowledge needed for the student to be able to reveal himself and his perceptions of his world through paint. The first semester stresses the art of color-mixing. Students complete projects that emphasize the successful application of the double primary or color bias system. The second semester stresses the creation of a body of work designed to reveal self and promote social change.

DESIGN I (1 semester) & DESIGN II (1 semester)
Course Description: This course explores the fundamental compositional principles common to all visual arts. Problems dealing with spatial organization are emphasized in both two and three-dimensional projects. Students will develop basic design skills through exploring negative space, scale, patterns, and values. Assignments explore the manipulation of paper, foam core, and mixed media with basic design tools such as x-acto knives, brushes, glue, ink, and tempera paint. This class is designed for the kinesthetic learner with a need to explore visual arts through more gross-motor, conceptually creative projects.

CERAMICS I (1 semester) & CERAMICS II (1 semester)
Course Description: This course develops the skills, techniques, and knowledge needed to express one’s self through hand-built ceramic forms. Emphasis in the first part of each semester is placed on the fundamentals of constructing various ceramic types and developing one's abilities working with surface design and decoration. The second part of each semester deals with underglazing and glazing with an emphasis on using color creatively.

**DRAWING I** (1 semester) & **DRAWING II** (1 semester)
Course Description: This course explores the fundamental principles, dynamics, and elements in the graphic representation of objects stressing a variety of techniques and media. An emphasis is placed on student understanding of form, structure, values, line, and perspective. Students will develop sensitivity to the visual world around them and develop analytical thought in relation to the shapes of natural and human-made objects. Students will be graded on their ability to consider the following in their work: perspective, light logic, contour, texture, and value among others. Abstract, symbolic, and reflective images will also be explored.

**DIGITAL PHOTOGRAPHY I** (1 semester) & **DIGITAL PHOTOGRAPHY II** (1 semester)
Course Description: This course will cover the fundamentals of digital photography, including history of photography, photographic composition, camera operation, techniques, professional applications, printing, and digital editing and manipulation using Adobe Photoshop and similar programs. Students will develop an electronic portfolio of color and black and white photographs. Students will build on their knowledge of artistic composition and learn to apply design fundamentals to photography. Students will gain an understanding of the history of photography, camera operation, and how to edit, manipulate and present digital photos. Students will also learn how photography can be used as a tool to express one’s self. This course is open only to sophomores, juniors, and seniors.

**DIGITAL VIDEO PRODUCTION I** (1 semester)
Course Description: In this class, students will learn the art of film production by way of DV (digital video). By studying the key aspects involved in the contributing arts of scriptwriting, storyboarding, cinematography, sound capturing, and video editing, students will gain an understanding of the overall filmmaking process. In addition to these art forms, essential technical elements such as digital versus analog, digital compression, green screening etc. will also be covered. This knowledge will then be employed into the student’s film projects which will include the creation of news broadcasts, documentaries, and short films. Throughout the process, students will study the impact of film and television on society at large from various social, political, and economic perspectives. This course is open only to juniors and seniors.

**DIGITAL VIDEO PRODUCTION II** (1 semester)
Pre-Requisites: Students must have completed Digital Video Production I.
Course Description: With the foundations of video production in place, Digital Video Production 2 will build significantly upon the students' artistic knowledge and skill as it applies to filmmaking. Not only will contributive art forms (e.g., storyboarding, cinematography, editing) be explored in much greater depth, new and critical elements of filmmaking such as lighting, sound mixing and direction will be covered as well. In terms of projects, students will go through the full filmmaking process (pre-production, production and post production) as they work both individually and groups to create films that span a range of genres. Concurrently, this class will study the historic impact of
film and television upon society from social, political, and economic perspectives. This course is open only to juniors and seniors.

**AP STUDIO ART: DRAWING or DESIGN 2D** (2 semesters)

**Course Description:** Over the course of this year long class, students with advanced skill in drawing, painting, or photography will build a portfolio of twenty-four exceptional works to be submitted to the AP board of review. Students diligently work in the media that best shows their creative spirit and artistic sentiments. Fast paced and intense, this class readies students for the rigors of a college level art studio environment. Students must have taken a year-long course in at least one visual art discipline, and be recommended to the class by their teacher.

**AP MUSIC THEORY** (2 semesters)

**Course Description:** This course introduces the student to the basic skills involved in both listening to and writing music. The fundamentals of the reading and writing of music to be studied include: Elementary Theory: notation, clefs, key signatures, major and minor scales, intervals; Harmony: simple triads, choral progressions, melodies; Ear-Training: intervals, melodies, triads, melodies, some chord patterns; Composition: melodic structures and simple chord progressions. The basic performance instruments used throughout the course are voice, computer, and keyboard. Musical examples from the works of the major composers will be studied. In part, the examples will be used to exemplify those music fundamentals being studied. The examples will also be analyzed, using the same fundamentals to reach a more complete understanding of musical structure and meaning. Discussion and reflection upon various approaches to aesthetics will allow the student to discover possible approaches to a philosophy of music (and of the arts, in general) and to consider the possibilities of musical meaning. Instructor’s permission is required for enrollment.

**MUSIC APPRECIATION I & MUSIC APPRECIATION II** (1 semester) & **MUSIC APPRECIATION II** (1 semester)

**Course Description:** This course explores the history, development, and compositional elements of three major categories of music: classical, jazz and popular. Through innovative project-based learning lessons conducted in a music computer lab, students discover the fundamentals of music theory including scales, keys, chords, figured-bass, and harmony as well as the science of music. Performance skills are acquired through the lens of electronic music production including loop creation, editing, synthesis, programming, and audio software such as Soundbooth, GarageBand, Logic, Ableton Live, Audacity, and Pure Data. This course serves as preparation for AP Music.

**BAND I & BAND II** (1 semester)

**Course Description:** This course emphasizes the art of musical ensemble performance. Students will learn to play an instrument in one of three band sections: brass, woodwinds or percussion. Many genres of concert band music will be explored. Attention to both historical and contemporary dynamics such as pitch, rhythm, and intonation will frame a student’s skill-building and ensemble technique. Students also perform as soloists and will develop their individual artistry through an emphasis on accuracy, expression, and articulation through the study of music theory and ear training. The first semester explores the fundamentals of reading music such as clef, key signature, time signature, and three-voice harmony. The second semester explores more complex chord structures, modulations, transposing, and composition. In both semesters, students will learn to listen more effectively, make historical connections, and evaluate instrumentation, period, and style.
BEGINNING PIANO (1 semester) & INTERMEDIATE PIANO (1 semester)

Course Description: This course explores the art of solo piano performance. Students will be immersed in discovering and playing music from many genres. A student’s individual performance will be assessed based on their understanding and application of specific criteria such as tempo, accuracy, expression, and technique. Essential to this exploration will be music theory and ear training. The first semester explores the fundamentals of music such as clef, key signature, time signature, and three-voice harmony. With an emphasis on developing compositional skills, the second semester explores more complex chord structures, harmony, and modulations. In both semesters, students will research important figures throughout the history of keyboarding, and will make presentations to demonstrate a synthesis of their learning.

ACTING WORKSHOP I (1 semester) & ACTING WORKSHOP II (1 semester)

Course Description: This course explores the creative methods used in becoming a successful storyteller. An emphasis is placed on students understanding the basic elements of physical communication, dramatic structure, and oral interpretation. On a daily basis, students will rehearse and perform projects that stress creative visualization, communication feedback, and collaboration. This course is designed for the kinesthetic learner with a need to enhance his English skills, develop self-confidence, and boost self-esteem through fun, challenging, and non-traditional classroom activity. The first semester explores the fundamentals of becoming a confident and informed performer. The second semester synthesizes these basics by analyzing the actor’s understanding of performing styles and his connection to the history of theatrical art. By the end of the second semester, students will have performed in a variety of theatrical styles including improvisation, Shakespeare, and stage combat. If a student is interested in taking a leadership role on campus, this course provides the confidence and the tools to be a commanding presence on stage.

DIRECTED STUDY (1 semester)

Course Description: This course is designed for serious and competent students who are interested in pursuing learning on their own. Students who apply for this course must detail in writing the nature of their study, which includes the topic, the objectives, the procedure, the readings and the assignments, and the method of evaluation for the course work. A selection of students will be made by the Fine Arts Department (in April for the fall semester; in November for the spring semester), and the students will sign a Directed Study Contract Agreement assuming full responsibility for the completion of their projects and their activity during the program. Because of the great demands made by this program, each teacher will be allowed only two Directed Study students per semester. Prerequisite: permission and approval of the department chairperson and the Directed Studies instructor.

FINE ARTS TEACHER AIDES (1 or 2 semesters)

Course Description: This course is designed to give seniors, interested and talented in Fine Arts, an opportunity to aid Fine Arts teachers in their classes. Activities include tutoring students, and assisting the teacher in correcting exams. Prerequisite: Students must have a 3.0 GPA overall, a 3.0 GPA in Fine Arts, a willingness to accept the responsibility of helping to correct homework and exams, planning course materials, and working in the classroom every day. Permission of the instructor and department chairperson is required.
Note: the class below is not being offered in 2010-2011

**ORCHESTRA I** (1 semester) & **ORCHESTRA II** (1 semester)

**Course Description:** Beginning Orchestra introduces and explores the techniques of ensemble rehearsal and performance, with an emphasis on the basic materials and vocabulary of instrumental music: rhythmic skills, pitch reading, intonation, articulation, tempo/expressive markings and group instrumental technique. Explores principles relating to ensemble performance and interpretation. Familiarizes students with basic concepts relating to orchestral music, including genres, instrumental families, and form. Explores techniques of melodic improvisation accompanying given chord progressions. Examines historic and contemporary music for the orchestra, with an emphasis on hearing and articulating musical details and stylistic features. Introduces students to basic concert protocol relating to presentation and movement.
ACADEMIC WORKSHEETS
Each Loyola student takes six classes each semester. The charts below show typical academic schedules. They do not show all options and possibilities such as advanced standing in foreign language or mathematics. All courses listed are two semesters in length unless labeled as “one semester course.”

Sample class schedule for a student graduating in 2011

SUMMER SESSION BEFORE FRESHMAN YEAR: Health

FRESHMAN
FALL SEMESTER
1. English 1  
2. World History 1 (one semester)  
3. Math  
4. Physics (full year) or Health (one semester)  
5. Foreign Language Level 1  
6. Scripture

SPRING SEMESTER
1. English 1  
2. Fine arts (one semester)  
3. Math  
4. Physics or PE (one semester)  
5. Foreign Language Level 1  
6. Scripture

SUMMER SESSION BEFORE SOPHOMORE YEAR: Theology II or Health

SOPHOMORE
FALL SEMESTER
1. (Honors) English 2  
2. (AP) World History 2  
3. Math  
4. (Honors) Chemistry  
5. Foreign Language Level 2  
6. Theology 2 (one semester)

SPRING SEMESTER
1. (Honors) English 2  
2. (AP) World History 2  
3. Math  
4. (Honors) Chemistry  
5. Foreign Language Level 2  
6. Fine arts or health or PE (one semester)

SUMMER SESSION BEFORE JUNIOR YEAR: Faith of Catholics or Moral Theology or Health

JUNIOR
FALL SEMESTER
1. (AP) English 3  
2. (AP) US History  
3. Math  
4. (AP) Biology or other science  
5. Foreign Language Level 3  
6. Theology or fine arts (1 semester)

SPRING SEMESTER
1. (AP) English 3  
2. (AP) US History  
3. Math  
4. (AP) Biology or other science  
5. Foreign Language Level 3  
6. Theology or fine arts (1 semester)

SUMMER SESSION BEFORE SENIOR YEAR: Faith of Catholics or Moral Theology or Health

SENIOR
FALL SEMESTER
1. English elective (1 semester) or AP English 4 (full year)  
2. Social science elective (1 semester or full year)  
3. Math  
4. Science elective  
5. Foreign language level 4  
6. Theology or fine arts (1 semester)

SPRING SEMESTER
1. English elective (1 semester) or AP English 4  
2. Social science electives  
3. Math  
4. Science elective  
5. Foreign language level 4  
6. Theology or fine arts (1 semester)
Worksheet for academic planning:

SUMMER SESSION BEFORE FRESHMAN YEAR:

FRESHMAN
FALL SEMESTER  SPRING SEMESTER
1.  1.
2.  2.
3.  3.
4.  4.
5.  5.
6.  6.

SUMMER SESSION BEFORE SOPHOMORE YEAR:

SOPHOMORE
FALL SEMESTER  SPRING SEMESTER
1.  1.
2.  2.
3.  3.
4.  4.
5.  5.
6.  6.

SUMMER SESSION BEFORE JUNIOR YEAR:

JUNIOR
FALL SEMESTER  SPRING SEMESTER
1.  1.
2.  2.
3.  3.
4.  4.
5.  5.
6.  6.

SUMMER SESSION BEFORE SENIOR YEAR:

SENIOR
FALL SEMESTER  SPRING SEMESTER
1.  1.
2.  2.
3.  3.
4.  4.
5.  5.
6.  6.