



SAINT IGNATIUS

C O L L E G E P R E P

Founded in 1869 as Chicago's first Jesuit school.

Curriculum and Course Planning Guide

2012-2013

Saint Ignatius College Prep Mission Statement

Saint Ignatius College Prep, a Jesuit Catholic school in the heart of Chicago, is a diverse community dedicated to educating young men and women for lives of faith, love, service, and leadership. Through outstanding teaching and personal formation, the school challenges its talented student body to intellectual excellence, integrity, and life-long learning and growth. Inspired by the gospel of Jesus Christ, this community strives to use God's gifts to promote social justice for the greater glory of God.

The Jesuit Secondary Education Association's *Profile of a Jesuit High School Graduate at Graduation*: a person who is open to growth, intellectually competent, religious, loving and committed to doing justice. (1981)

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GENERAL INSTRUCTIONS FOR ALL STUDENTS

Use your curriculum guide for course registrations for the 2012-2013 academic year. Please observe the following steps in the registration process:

- review the registration form and curriculum guide with your parents;
- complete the registration form, indicating all the information requested, including second and third choices. It is extremely important that you ensure accuracy and print clearly, particularly the course numbers;
- make sure your parents sign the form; and
- **YOU MUST SEE YOUR COUNSELOR TO MAKE THE REGISTRATION FINAL. JUNIORS MUST ALSO SEE THEIR COLLEGE COUNSELORS.** All completed registration forms are submitted to the student's guidance counselor or college counselor.

REGISTRATION TIMELINES

Class of 2013

February 7: Juniors receive registration packet and pre-registration/approval form in homeroom and meet for Junior Registration Assembly during Activity Period in the McLaughlin Theater.

February 8-17: Juniors meet with counselors and college counselors to discuss and make course requests.

February 17: Registration sheets due by 3:00 p.m.

Class of 2014

February 28: Sophomores receive registration packet and pre-registration/approval form in homeroom and meet for Sophomore Registration Assembly during Activity Period in the McLaughlin Theater.

February 29-March 7: Sophomores meet with counselors to discuss and make course requests.

March 7: Registration sheets due by 3:00 p.m.

Class of 2015

March 12: Freshmen receive registration packet and pre-registration/approval form in homeroom and meet for Freshman Registration Assembly during Activity Period in the McLaughlin Theater.

March 13-16: Freshmen meet with counselors to discuss and make course requests.

March 18: Registration sheets due by 3:00 p.m.

A NOTE TO PARENTS OF THE CLASS OF 2016

Course assignments for the freshman year are determined by the entrance exam score, its subscores and any placement exam scores administered in spring 2012. Regardless of the courses to which a freshman is assigned, any freshman who wishes to pursue an Honors College Prep diploma upon graduation will have the opportunity to do so.

IMPORTANT INFORMATION FOR PARENTS AND STUDENTS

Please consult the *Curriculum and Course Planning Guide 2012-2013* and your student's pre-registration form when discussing registration for courses and completing the form. While some course placements are based solely on interest, others are based on a student's academic performance or other curricular requirements.

All course choices, including second and third choices will be considered binding, so students and parents should consider their options and recommendations with great care. In some rare cases a student may be allowed to add or drop classes, such as when a chosen course will not be offered, when a student has had a teacher in a previous course or when a student has been deemed by the department chair and the Assistant Principal for Academics to have been placed incorrectly in a class. Students will not be allowed to choose free periods, teachers or classes other than those for which they have registered unless there is a valid academic reason in the judgment of the Assistant Principal for Academic Programs. Every effort must be made on the part of the student to effect these changes during the designated schedule adjustment days in the summer.

Carefully note the following for registration in 2012:

- Members of the Class of 2015 and Class of 2016 must take at least 6 courses per semester.
- Members of the Class of 2013 and of 2014 must take at least 5 courses per semester.
- A seventh course may be taken in Fine Arts, Physical Education, or Technology.
- Students and parents should avail themselves of the guidance counselor and/or college counselor for advice about which courses to take. It is often very difficult to change/add courses once the schedule has been created.
- Questions regarding placement in a particular course should be directed to the department chair.

SCHEDULE ADJUSTMENT INFORMATION

Schedule adjustment requests will be submitted online according to the dates announced when the schedules are distributed. Information will also be posted on the Saint Ignatius website (www.ignatius.org) and on Edline (www.edline.net).

DEPARTMENT CHAIR LOCATIONS

| | |
|---|--|
| Mr. Tony Harris English | English Office (347) |
| Ms. Mary Ellen Schneider Fine Arts | 2 nd Floor Music Center (262/265) |
| Mr. Matthew Haffner Instructional Technology | Room 144 |
| Ms. Carmen Wale Language | Language Office (234) |
| Dr. William Carroll Mathematics | Mathematics Office (247) |
| Ms. Rebecca Frett Religion | Religious Studies Office (320) |
| Ms. Laura Majerczyk Science | Science Office (361) |
| Mr. Martin Kelley Social Studies | Social Studies Office (220) |
| Mr. Bob Kriz Total Wellness | Gentile Gym |

CHANGES IN DEPARTMENT PLACEMENT/APPROVALS REQUIRE
WRITTEN PERMISSION OF THE DEPARTMENT CHAIR AND
PARENTS.

GRADUATION OUTCOMES

The graduates of Saint Ignatius College Prep will be able:

- to listen, read, write and speak effectively for a variety of purposes
- to know, comprehend, apply, analyze, synthesize and evaluate the significant content from the domains of the humanities and sciences
- to make choices for and demonstrate movement toward an ethical life of reflection and service rooted in prayer, reason and the knowledge of the Catholic tradition
- to use technology ethically, effectively and efficiently for research, problem solving and communication
- to verbalize and practice habits of health which nurture the human body and create respect for it as God's gift
- to demonstrate a knowledge of their personal needs and an appreciation of their God-given gifts: personality, intelligence, body, emotions, sexuality and spirit
- to articulate, understand, value and respect differences among people based on age, gender, race, culture, religion, talent, and socio-economic status
- to interact and work with individuals and groups respectfully, courteously and compassionately
- to demonstrate skills of social analysis that lead to concrete action for the building of a just society and to respond with compassion to people in need by direct and indirect service to the school, local, national and global communities
- to engage in creative expressions and demonstrate an appreciation and sensitivity to the creative expressions of others
- to direct their own learning by using their experiences and reflections to lead to appropriate action.

GRADUATION REQUIREMENTS

First Year (6-6.5 units)

| | |
|--------------------------------|------|
| English | (1) |
| Language | (1) |
| Mathematics | (1) |
| Social Studies | (1) |
| Religious Studies | (1) |
| Total Wellness | (.5) |
| Multimedia in Public Speaking | (.5) |
| Intro to Music or Intro to Art | (.5) |

Second Year (6-6.5 units)

| | |
|-------------------|------|
| English | (1) |
| Language | (1) |
| Mathematics | (1) |
| Science | (1) |
| Social Studies | (1) |
| Religious Studies | (1) |
| Total Wellness | (.5) |

Third Year (5-5.5 units)

| | |
|-------------------|------|
| English | (1) |
| Language | (1) |
| Mathematics | (1) |
| Science | (1) |
| Religious Studies | (1) |
| Electives | (.5) |

Fourth Year (5-5.5 units)

| | |
|-------------------|-------|
| English | (1) |
| Religious Studies | (1) |
| Social Studies | (1) |
| Fine Arts | (.5) |
| Electives | (1-2) |

College Prep Diploma

23 units for classes 2013 and 2014
23.5 units class of 2015 and 2016

| | |
|------------------------------------|---------|
| English | (4) |
| Language | (3)** |
| Mathematics | (3) |
| Religious Studies | (3.5/4) |
| Science | (2) |
| Social Studies | (3) |
| Total Wellness | (1) |
| Fine Arts | (1) |
| Multimedia in Public Speaking | (.5) |
| (or Speech .25 and Technology .25) | |
| Electives | (2) |

Honors College Prep Diploma

24.5 units for classes 2013 and 2014*
25 units class of 2015 and 2016*

| | |
|------------------------------------|----------|
| English | (4) |
| Language | (4)**/** |
| Mathematics | (4)*** |
| Religious Studies | (3.5/4) |
| Science | (3)*** |
| Social Studies | (3) |
| Total Wellness | (1) |
| Fine Arts | (1) |
| Multimedia in Public Speaking | (.5) |
| (or Speech .25 and Technology .25) | |
| Electives | (.5) |

*Four of the 24.5-25 credits must be taken in junior/senior honors courses. Students must earn at least a C in one or more AP courses. AP U.S. History taken in sophomore year counts as an honors course.

** Three/Four years must be in the same language.

*** A substitution of one credit within the departments of Language, Math, and Science may be made with the approval of the Assistant Principal for Academic Programs.

To earn an Honors Diploma, a student must have a cumulative GPA at the end of the 8th semester of 3.00 or higher and have no semester failures.

SERVICE AND RETREAT GRADUATION REQUIREMENTS

In addition to the academic course requirements described above, students must fulfill the following service and retreat obligations:

- 10 service hours as a freshman; 25 service hours as a sophomore. Failure to complete service hours will result in withholding of student's schedule and official grade report. Students will not be allowed to start school without documented completion of the previous year's service hours.
- All freshmen, sophomores, and juniors must complete one scheduled retreat each year.

FOUR-YEAR COURSE PLANNING WORKSHEET

| Requirements | Freshman | Sophomore | Junior | Senior |
|---|----------|-----------|--------|--------|
| ENGLISH (4) | | | | |
| LANGUAGE (3 of the same for CP Diploma; 4 for HCP Diploma)* | | | | |
| MATHEMATICS (3 for CP Diploma; 4 for HCP Diploma)* | | | | |
| SCIENCE (2 for CP Diploma; 3 for HCP Diploma)* | | | | |
| SOCIAL STUDIES (3) | | | | |
| RELIGION (3.5/4) | | | | |
| WELLNESS (1) | | | | |
| MULTIMEDIA OR SPEECH/TECHNOLOGY (.50) | | | | |
| FINE ARTS (1) | | | | |
| ELECTIVES (2 for CP Diploma; .5 for HCP Diploma)* | | | | |

Credits earned to date: _____ Cumulative GPA: _____

* CPD = College Prep Diploma; HCP = Honors College Prep Diploma (Four credits must be taken in junior/senior honors courses. Student must earn at least a C in one or more AP courses.)

| | | |
|----------------|-------|------|
| SUMMER SCHOOL: | | |
| Course | Grade | Date |
| 1. _____ | | |
| 2. _____ | | |

GRADING POLICY

COURSE ACHIEVEMENT GRADES

| Quality Points | <u>Percentages</u> | |
|-----------------------|--|---|
| A+ 4.33 | 100-98 | Student demonstrates very thorough knowledge and understanding of the course content and skills. The student is very well prepared for the next level. |
| A 4.00 | 97-95 | |
| A- 3.67 | 94-93 | |
| B+ 3.33 | 92-91 | Student demonstrates thorough knowledge and understanding of the course content and skills. The student is well prepared for the next level. |
| B 3.00 | 90-87 | |
| B- 2.67 | 86-85 | |
| C+ 2.33 | 84-83 | Student demonstrates satisfactory knowledge and understanding of the course content and skills. The student is prepared for the next level. |
| C 2.00 | 82-79 | |
| C- 1.67 | 78-77 | |
| D+ 1.33 | 76-75 | Student demonstrates a limited knowledge and understanding of the course content and skills. There is a concern about the student's readiness for the next level. |
| D 1.00 | 74-72 | |
| D- 0.67 | 71-70 | |
| F 0.00 | 69 | Student indicates unacceptable knowledge and understanding of the content and skills. The student is not prepared for the next level. |
| P 0.00 | Passing - used only in pass-fail courses and for the constitution test. | |
| I 0.00 | Incomplete - used only in extraordinary circumstances and requires pre-approval by the Assistant Principal for Academic Programs. | |
| WF 0.00 | Withdrew Failing - may be assigned if a course is dropped after a reasonable period of time as determined by the Assistant Principal for Academic Programs. | |

Honors (H) courses receive an additional 0.33 quality point and AP courses receive an additional 0.67 quality point. At the end of each semester, Honors Certificates are issued based on that semester only as follows:

| | |
|-------------------------|----------------|
| Honors with Distinction | 3.83 or higher |
| First Honors | 3.33 to 3.829 |
| Second Honors | 2.83 to 3.329 |

GRADE REPORTS

EXPLANATION OF GRADING

Grades are a means of communicating to students, parents, the school, other institutions and agencies the students' levels of learning in their courses. All viewers of grades should be confident that Saint Ignatius grades are consistent across the school, the department and different sections of the same course.

Consistency in grades grows out of teachers working with students to affect learning. All Saint Ignatius courses have specific and clear learning outcomes that are based on the goals of the department and the school. Course syllabi identify a variety of assessments and articulate clear performance levels for the learning outcomes of courses.

Teachers provide the learning experiences and frequently and fairly assess students' performance. Department Chairs and the Principal's Office may monitor grades for consistency across the department and the school.

There are eight marking periods at Saint Ignatius - four each semester. Three are progress reports and one is the final semester grade. The semester grade is the official transcript and credit grade. The first progress report of each semester will only be issued to all freshmen and any sophomore, junior or senior with grades of C, D, or F. Students may receive grades or grade ranges for this first progress report. All students will receive the second and third reports as well as the semester grade.

A failing grade received on any of the first three progress reports should be considered a warning of a possible failing grade at the semester. The school policy is that a student will not normally receive a failing grade for the semester unless the students and parents are warned. A failing grade on any progress report constitutes a warning.

A student, who has not received a failing grade on any of the three progress reports before the end of a semester, may still fail a final exam or perform dramatically poorer during the final weeks of a course. Either or both situations could warrant a failing grade for the semester. In such cases prior warning will not have been made. Assignment of a failing grade under these circumstances will only be rendered with the permission of the Assistant Principal for Academic Programs.

All progress grade reports will be posted on Edline and accessible by both parent and student accounts. Final semester grade reports will be posted on Edline and emailed.

The grade posting schedule will be published in the Parent-Student Handbook and posted on Edline at the beginning of the school year.

ACADEMIC POLICIES

Registration/Scheduling

Registration for the following year's courses takes place during the second semester. Students are encouraged to review their course selection requests with their parents, who are required to sign the registration form. Counselors and college counselors are available for guidance with registration. Students will be assigned some courses and levels as determined by school and departmental policies. Other courses or electives are scheduled as possible. The Assistant Principal for Academic Programs makes all decisions concerning a student's schedule and assignment of classes.

Advanced Placement (AP) and Honors Course Entry Criteria

Saint Ignatius College Prep offers a broad spectrum of college-level/Advanced Placement courses. The criteria for entering AP courses are:

- Students must have Department Chair recommendation, indicating that they possess the needed work ethic, study habits and self-discipline to do all the work that is required in a course taught at the college level.
- Grade levels are required by each department, as indicated:

| <u>To take an AP class in:</u> | <u>Students Must:</u> |
|--------------------------------|--|
| English | have a minimum 3.0 GPA in English and take AP English Language exam |
| French | have a minimum 3.67 GPA in French |
| Classics | have a minimum 3.67 GPA in classical languages |
| Spanish | have a minimum 3.67 GPA in Spanish if currently enrolled in Spanish 3, or 3.33 if currently enrolled in Honors Spanish 3 |
| AB Calculus | have at least an A- in Honors Precalculus |
| BC Calculus | have departmental recommendation based on May Precalculus exam |
| Statistics | have a B or higher in Algebra 2/Trigonometry |
| Science | have a minimum 3.33 GPA in Mathematics and Science |
| Social Studies | have a minimum 3.0 GPA in English and Social Studies (and Mathematics for Macroeconomics), World History teacher approval is required for eligibility to take placement exam for AP U.S. History |
| Fine Arts | have recommendation of Fine Arts instructor and Department Chair |
| Computer Science | have the recommendation of Department Chair |

1. Students with less than the required grade level in the department-designated courses(s) may take an AP course with Department Chair recommendation.
2. The student's counselor and/or the Assistant Principal for Academic Programs may limit the number of AP courses for which a student can register.

3. Students in their junior or senior year can take up to three Advanced Placement classes. If the student has a Cumulative GPA of 3.8 or better, he or she may take up to four Advanced Placement classes after consulting his or her guidance counselor, college counselor, and the Assistant Principal for Academic Programs.
4. Placement in honors courses is made by the department in which the courses are offered.

Course Load Requirement for All Students

All Saint Ignatius students are expected to carry a full course load in every semester of attendance. Generally, this means six/six and one half credits per semester in freshman/sophomore year and five/five and one half credits per semester in junior/senior year. After consultation with their counselor, most students are encouraged to take advantage of additional elective courses. Students may register for more than six credits but only with the permission of the Assistant Principal for Academic Programs.

Withdrawal from Courses

Once the semester begins, students may not withdraw from a course unless in the judgment of the Assistant Principal for Academic Programs there are sufficient reasons to justify withdrawal. If students, with the written permission of their parents, choose to withdraw from a course after a reasonable period of time has passed, they are subject to a grade of WF that is computed as an F in determining their overall semester average.

Credit by Examination (*only pertains to incoming freshmen*)

Advanced placement and credit in language and mathematics may be earned by incoming freshmen who successfully demonstrate that they have met department standards on department exams which are administered each spring. Credit, with a grade of "PBE," is given for first year Algebra, Spanish, Latin, French, or Chinese. Even though students earn credit and are placed in advanced courses, they still must meet all graduation requirements by taking and passing Saint Ignatius courses.

Attendance Expectations

Attendance at class is an essential aspect of our education program. Any student who misses more than 10% of the class days in a course (9 in one semester) is liable to lose academic credit for courses during that semester. Exceptions for extended medical absences that are verified by a physician's letter will be considered by the Assistant Principal for Academic Programs on a case-by-case basis.

Homework

Students are given home assignments on a daily basis. These assignments will vary in length, but students should expect one-half hour to three-quarters of an hour each night in each subject to be the norm.

Independent/Self Study Courses

Independent or self study offers an option for students to explore subjects in the curriculum that do not fit in their schedules. Courses specifically required for graduation, however, may only be taken as an independent study with the specific approval of the Assistant Principal for Academic Programs.

Should a student have an irresolvable scheduling conflict involving an elective course, it may be taken as an independent study provided suitable arrangements can be made with the department. Students who wish to pursue independent study apply through the office of the Assistant Principal for Academic Programs. Grading is the same as in other courses, and the grade and credit are entered on the student's permanent record and calculated into a student's grade point average. There may be additional fees for independent/self study courses.

Eligibility for Athletics and Co-curricular Activities

Students are eligible to participate in co-curriculars according to the policies recommended by the Athletic Director, in addition to those established by the Illinois High School Association (IHSA), unless the Principal has declared a student ineligible as indicated below or unless the Dean of Students has declared a student ineligible for disciplinary or other reasons, which are totally at the school's discretion. It is the official policy of the IHSA that to be eligible to participate in co-curriculars and athletics, students must be doing passing work in all classes.

Saint Ignatius views eligibility as an individual matter involving the student, the teacher, the family, the counselor, and the student's coach and/or activity moderator. For some students, who are experiencing academic difficulties, withdrawing from co-curriculars and/or athletics would be helpful; for others it might not be. Any teacher, counselor, coach, or activity sponsor who thinks a student in academic difficulties should not participate should discuss his/her concerns with the Assistant Principal for Academic Programs who will investigate and make a decision after consulting with all the parties involved. This investigation could result in the Assistant Principal declaring a student ineligible who is eligible in the eyes of the IHSA. It needs to be clearly understood, however, that no one can make a student eligible unless they meet the minimum IHSA standards.

Failure Make-up Requirement

Semester failures must be made up before the start of the next school year unless, in the judgment of the school, an equivalent course is not available in an SICP or other summer school program. Ordinarily, students may not return to Saint Ignatius unless this make-up requirement has been fulfilled. All exceptions must be approved in early June by the Assistant Principal for Academic Programs.

A student who fails Algebra 1, Algebra 2/Trig, or Integrated Science in the first semester of the school year may not be allowed to continue in the course second semester. If the student does not continue, he/she must retake the required course in summer school or as part of his/her schedule for the following

school year. If the student is allowed to continue and he/she receives a C- or higher in the second semester, the first semester grade will be changed to a "D." If the student receives a D+ or lower, the F in the first semester remains and the student must retake the first semester.

In Foreign Language courses if a student fails the first semester he/she may continue in the course through the second semester if approved by the department chair. If the student is allowed to continue and he/she receives a C- or higher in the second semester, the first semester grade will be changed to a "D." If the student receives a D+ or lower, the F in the first semester remains and the student must retake the first semester.

Dismissal for Unacceptable Academic Performance

Students can be dismissed from Saint Ignatius College Prep under any of the following circumstances:

- three (3) quarter and/or semester failures in a single school year, or
- four (4) quarter and/or semester failures in two consecutive years, or
- an accumulation of five (5) quarter and/or semester failures.

Graduation

To participate in the SICP graduation ceremony, a student must meet all five of these standards:

- have earned at least 23/23.5 credits,
- have passed all required courses over the course of his/her high school career,
- have passed all required and elective courses during his/her senior year*,
- be in good standing with the Deans' Office,
- have met all financial obligations to the school.

*A senior who meets all the standards except #3 because he/she fails an elective course may receive a diploma but may not participate in the graduation ceremony.

Summer School

If a student fails a course during the school year and the course is offered in the Saint Ignatius Summer School, the failing grade must be made up in the Saint Ignatius Summer School Program. A student taking credit courses in the Saint Ignatius Summer School will receive credit for the course and the summer school grade will be included in the calculation of the student's GPA. A student taking a credit course at a summer school other than Saint Ignatius must have the course approved in advance by the Assistant Principal for Academic Programs. The course must be consistent with the courses that form part of the Saint Ignatius College Prep Curriculum.

Core courses must be taken during the regular school year except when making up a semester failure. Core courses include: English 1, 2, 3, 4; Language 1, 2, 3, 4; Algebra 1; Geometry; Algebra 2/Trigonometry; Precalculus (for students who took Geometry during freshman year); Integrated Science 1 & 2; World History; U.S. History; a third year of Social Studies; and Religious Studies 1, 2, 3, 4. Prior permission from the Assistant Principal for Academic Programs must be granted for any credit to be accepted by Saint Ignatius. No more than 1.5 units of summer school credit from schools other than SICP will be accepted toward the fulfillment of graduation requirements. This limit does not, however, apply to summer courses taken to make up failures. Credits for approved summer school courses will be accepted, placed on transcripts, and added to the cumulative total credits.

If the summer school course is taken to remediate an “F” in a course taken during the school year, the “F” will remain on the transcript and will be calculated in a student’s GPA, and the grade/course name earned in summer school will appear on the transcript and will be included in the calculation of a student’s GPA.

Textbooks

Saint Ignatius has partnered with Follett online Bookstores to provide textbooks and spirit wear. The link is available on the school’s home page. A complete book list, with ISBN numbers, is also posted on the school website.

Jesuit Virtual Learning Academy (JVLA)

There are online courses available in a variety of disciplines through the Jesuit Virtual Learning Academy. Courses are taught by teachers with experience in Jesuit Education. Students from other Jesuit high schools around the country meet in “virtual classrooms.” These courses can be taken for credit with the approval of the Assistant Principal for Academic Programs. An additional course and book fee may apply.

Dual Enrollment with Loyola University

Approved courses will be available as part of a pilot program with Loyola University. The courses noted may fulfill Saint Ignatius graduation or elective credit requirements and also earn college credit. In order to enroll in these courses, students must have at least a B average in all previous English or social studies courses. Students will register for the dual enrollment credit be billed \$65 per credit hour or \$195 for each 3 hour course in the fall of 2012. Transcripts listing the university credit and grades will be available from Loyola University.

Field Trips

Additional fees may be billed for courses that require field trips.

ENGLISH

ES 104 ORAL INTERPRETATION

One Semester

Sophomores, Juniors, Seniors who have taken Speech/Multimedia in Public Speaking

The focus of this course will be on the oral interpretation of literature. The course is designed to further develop the students' oral communication skills. Poetry and prose, dramatic performance and storytelling will be covered. Reader's theatre as well as radio/television broadcasting will also be included. The course will culminate in a reader's theatre performance. *This course does not fulfill the English graduation requirement.*

ES 111 MULTIMEDIA IN PUBLIC SPEAKING

One Semester Course

Freshmen

This course focuses on developing oral communication and technology skills. Students learn to research topics, to organize effectively, and to present orally from limited notes. The course covers the Microsoft Office Suite (Word, Excel, PowerPoint, Access and Publisher) as well as an introduction to Photoshop, Google Docs and movie creation software. This hands-on class is designed to provide students with the skills and knowledge necessary to use technology tools in the presentation of speeches. Presentations will be given individually and in groups. Students will be required to choose a topic, persuade to a viewpoint, and rouse emotions.

ES 110 ENGLISH 1 - Multicultural Literature and Composition

Two Semester Course

Freshmen

Additional field trip fees may be required.

ES 120 ENGLISH 2 - U.S. Literature and Composition

Two Semester Course

Sophomores

ES 121 ENGLISH 2 - U.S. Literature and Composition AMERICAN STUDIES

Two Semester Course

Sophomores

American Studies is a team-taught, interdisciplinary course covering U.S. Literature and U.S. History in an integrated curriculum. The English and History classes are scheduled in consecutive periods. Students who take American Studies will earn one credit in English and one credit in Social Studies. Students must also register for SS 724 U.S. History American Studies. Additional field trip fees required.

ES 130 ENGLISH 3 - British Literature and Composition

Two Semester Course

Juniors

At the end of English 3 all students are encouraged to take the AP Language and Composition Exam.

*Juniors with an English GPA of 3.67 or above may take a semester length course choosing from only those offered in 2012-2013, for honors credit, **in addition to English 3** with permission of the Department Chair.*

ENGLISH DEPARTMENT ELECTIVES

English elective courses are offered on a rotating schedule as follows:

The following English courses will be offered every year:

140 Film Study
144/174 H Evil in Literature
150/180 H Creative Writing 1(dual enrollment)
153/183 H Creative Writing 2
154/184 H College Writing (dual enrollment)
156/186 H Journalism
190 H Shakespeare H
199 AP Advanced Placement English Literature

The following courses will be offered in 2012-2013 and 2014-2015:

142/172 H The Hero in American Literature
158/188 H American Literature and the Myth of the Melting Pot
160/170 H Voices of Women
162/192 H Irish Literature

The following English courses will be offered in 2013-2014 and 2015-2016:

138/168 H Literature and the Moral Imagination
146/176 H Myth and Modern Fiction
148/178 H Chicago Authors
165/196 H African American Cultural Studies (English) taken with 769/789 H African American Cultural Studies (History)

Senior students who have achieved a GPA of 3.0 in the first five semesters of English may take the courses listed below for honors credit by registering for the course number designated with an H. Extra work will be assigned in these courses as the basis of earning honors credit.

ES 138 **LITERATURE AND THE MORAL IMAGINATION**

ES 168 H

One Semester Course

Offered in 2013-2014 and 2015-2016

This English class is team taught by teachers in the English and Religious Studies departments. It focuses on the fusion of theological and philosophical perspectives into works of contemporary literature. Themes such as the hero's journey, obstacles encountered by individuals, how change and transformation affect the individual, evil, war, the importance of community, and the power that one person can exert in the world will be examined. The Ignatian pedagogy of context, experience, reflection, and action will be used as the structure of the class.

ES 140 **FILM STUDY**

One Semester Course

This semester course is designed to introduce students to the elements needed to understand and appreciate this area of mass communication. Emphasis will be given to the various genres such as film noir, westerns, silent film, satire, horror, drama, and comedy through viewing the "greats" and current significant films. Students will develop the critical skills necessary to evaluate and appreciate the artistic qualities in film as a valid art/communication form. They are expected to analyze, discuss, research, and to write critical papers.

ES 142 **THE HERO IN AMERICAN LITERATURE**

ES 172 H

One Semester Course

Offered in 2012-2013 and 2014-2015

This course examines the evolution of the heroic figure in American Literature. The hero will be viewed in novels, short stories, poetry, and drama. The study will progress from the Puritan era to the cowboy through the wide range of 20th century heroes and anti-heroes. Critical thinking, literary analysis, and thematic discussion will be emphasized throughout the course.

ES 144 **THE PROBLEM OF EVIL IN LITERATURE**

ES 174 H

One Semester Course

In this course students study a diverse range of literature in which evil is a featured theme and concern. By reading and discussing a variety of genres (scriptures, drama, poetry, novels, and film) from a variety of cultures and historical periods, we shall explore such enduring social manifestations of evil as violence within families, racial hatred, and oppression by the political state. Students shall see how authors from Aeschylus to Toni Morrison represent evil and grapple with its origins and outworkings. Throughout the course they shall also develop their ability to analyze literature and express their analyses in lucid, persuasive essays.

ES 146 **MYTH & MODERN FICTION**

ES 176 H

One Semester Course

Offered in 2013-2014 and 2015-2016

This course introduces students to the myths of ancient Greeks, Norse, Native Americans, African Americans and Asians. Students study the journey of the archetypal hero and draw conclusions about the meaning of heroism or how the hero helps define a culture; analyze contemporary references to myth in modern genre (novels, plays, short stories, film), and compare legends from different cultures. They examine how myths function to conduct individuals through the passages of life, from dependency in childhood to maturity, old age, and death. Critical thinking is stressed in seminar discussions and in persuasive and analytical essays. Students also have the opportunity to write their own set of myths.

ES 158
ES 188 H

**AMERICAN LITERATURE AND THE MYTH OF THE
MELTING POT**

One Semester Course

Offered in 2012-2013 and 2014-2015

This course explores the myths, visions, and realities associated with the modern American Dream as experienced by diverse American populations. Students experience and examine America through the eyes of the Native American, the African American, the Latin American, and the Asian American. They examine the themes and perceptions of various social, political, and economic realities as forms of the American ethnic experience.

ES 160
ES 170 H

**THE VOICES OF WOMEN: STUDIES IN WOMEN'S
LITERATURE**

One Semester Course

Offered in 2012-2013 and 2014-2015

Women's writings have paralleled the writings of their more famous male contemporaries and gone unnoticed. Societal dictates more often than not have presented obstacles not only to women's writings but to a woman's formation of her own identity. Through the study of such woman authors as: Kate Chopin, Virginia Woolf, Zora Neale Hurston, and Maria Luisa Bombál, students examine the motivations, issues, struggles, and roles of women. Students look not only at the perception women but also at the perception men have of women and the perception women have of men. Students read, write, and discuss the literature studied articulately, intelligently, and maturely.

ES 162
ES 192 H

IRISH LITERATURE

One Semester Course

Offered in 2012-2013 and 2014-2015

This course provides a general introduction to modern Irish Literature. Beginning with the late 19th century, the student read from among writers of the Irish Literary Renaissance such as: Lady Augusta, George Russell, John Millington Synge, James Joyce, Yeats, George Bernard Shaw, and Samuel Beckett, as well as the Poets of 1916. Brief glances at the political and cultural milieu, particularly the struggle for a united Ireland, are provided. The students also examine the literature of Ireland since independence, looking at such authors as: Frank O'Connor, Mary Lavin, Liam O'Flaherty, Edna O'Brien, Patrick Kavanaugh, William Trevor and contemporary poets such as: Seamus Heaney, Evan Boland and Paul Muldoon.

ES 165
ES 196 H

AFRICAN AMERICAN CULTURAL STUDIES (English)

One Semester English

Offered in 2013-2014 and 2015-2016

This course combines two established courses, Topics in African American Literature and the African American Historical Perspective, and through the lens of shared perspectives, reveals the broad context of the Black experience in America. Students focus on aspects of the various literary traditions within African American literature and explore the roots of these works through the examination of African Americans' agency, struggles and perseverance in political, social and cultural arenas in the United States. This course must be taken with 769/789H African American Cultural Studies (History). Additional field trip fees may be required.

ES 190 H**SHAKESPEARE H**

One Semester Course

This course offers an in-depth study of the work of a great dramatic genius. Students read several comedies, tragedies, and histories. Class members actively participate in bringing Shakespeare's characters to life through live presentation of scenes. Students write critical essays and participate in creative projects after viewing or listening to the plays being performed and studied. Whenever possible, the class will see live performances of the plays studied in the course. Additional field trip fees required.

ES 199 AP**ADVANCED PLACEMENT ENGLISH LITERATURE**

Two Semester Course

Students who take this course have the ability and desire to work both independently and under direction. They are already proficient readers and writers who will be expected to analyze, discuss, and write about various genres of literature—in particular, poetry, short stories, drama, and novels. Individuals who successfully complete this course are prepared to take the Advanced Placement Examination in English Literature and Composition. This is a college-level course. Students registering for AP English may be required to read an assigned novel and an assigned play during the summer preceding the course. Applicants must take the Advanced Placement English Language Examination in May of their junior year.

FINE ARTS

FA 915 H ART HISTORY: ANCIENT TO CONTEMPORARY H

One Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Introduction to Art or recommendation of the instructor

This course will focus on the understanding and critical analysis of art, architecture and sculpture from the ancient to modern period. This course is especially beneficial for students interested in collegiate study in the disciplines of architecture, fine art, criticism, history and theory. Students will be required to present two research papers and two presentations. There will be a series of compare and contrast essay exams.

FA 916 MULTI-LEVEL ART

One Semester Course

Sophomores, Juniors, Seniors

This course is for students who wish to sharpen their skills and understanding after completing Fundamentals/Art Studio I but who feel they are not yet ready for the advanced level courses. This course is also ideal for students who wish supervised time and direction for developing a portfolio or cohesive body of work based on their own interests, themes and ideas. This course may be taken before or after the advanced level courses. A variety of materials will be available.

FA 918 H INSTRUMENTAL BAND H

Two Semester Course

Juniors and Seniors

Prerequisite: Audition prior to registration

This course is for advanced band instrumentalists. In addition to participation in the daily Concert Band class, students are required to enroll in Wind Ensembles. Students prepare solo and ensemble pieces and will perform throughout the year.

FA 919 H CHAMBER ORCHESTRA H

Two Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Audition prior to registration

The Chamber Orchestra is an advanced instrumental group open to string, winds and pianists. In addition to participation in the daily Symphony Orchestra class, Chamber Orchestra students are required to attend 2 additional sessions per week before school. Students prepare/ perform literature written for chamber orchestra and ensemble pieces. Performances are given throughout the year on evenings and weekends. Attendance at rehearsals during non scheduled class time/after school is required.

FA 920 H CHAMBER SINGERS H

Two Semester Course

Juniors and Seniors

Prerequisite: Audition prior to registration

Chamber Singers is an advanced choral ensemble. Students prepare and perform madrigal and ensemble pieces written primarily in four part harmony. Vocal techniques, music history and theory are studied in this class. Performances are given throughout the year on evenings and weekends. Attendance at rehearsals during non scheduled class time/after school is required.

FA 929**CONCERT CHOIR**

Two Semester Course
Freshmen Girls

Aesthetic education through vocal performance is the primary objective of this ensemble. This choral group is open to freshmen girls. Treble choir introduces students to choral literature written in unison, two and three part treble harmony and studies music of various languages, styles, peoples, and periods. Vocal technique, music history, and music theory skills studied in this course lead to a deeper understanding and appreciation of music. All are welcome. No audition is required. Performances are given throughout the year on weekends. Attendance at rehearsals during non scheduled class time/after school is expected.

FA 930**CONCERT CHOIR**

Two Semester Course
Freshmen Boys, Sophomores, Juniors, Seniors

Aesthetic education through vocal performance is the primary objective of this ensemble. This choral group is for students of all abilities. Concert choir studies choral literature written in three part (SAB) and four part (SATB) harmony. Choral music of various languages, styles, peoples, and periods are performed. Vocal technique, music history, and music theory skills studied in this course lead to a deeper understanding and appreciation of music. All are welcome. No audition is required. Performances are given throughout the year on weekends. Attendance at rehearsals during non scheduled class time/after school is expected.

FA 932 AP**MUSIC THEORY AND EAR TRAINING AP**

Two Semester Course
Juniors and Seniors
Prerequisite: Recommendation of the instructor

This course is intended for serious music students, especially those who plan to study music or music-related fields in college (i.e. music education, applied performance music theater music therapy) and wish to receive college credit through the College Board Advanced Placement Music Theory exam. The course integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and history and style. Musicianship skills such as: dictation, sight-singing, and keyboard harmony are considered an important part of this course. In preparation for the Advanced Placement Music Theory exam, students will further develop aural skills presented in class by attending an aural skills lab two times per rotation. The ultimate goal is to develop an ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. A student's ability to read and write musical notation is fundamental to this course. The course includes harmonization of a melody by selecting appropriate chords, composing a musical bass line to provide two-voice counterpoint, and the realization of figured-bass notation. Students taking this course must have one free period to complete the aural skills lab assignments. Students enrolling in this course will be given a packet of materials to review over the summer to ensure all students a common theory background.

FA 935**HISTORY OF ROCK MUSIC**

One Semester Course
Sophomores, Juniors, Seniors

This contemporary music history course presents an overview of the first forty years of pop and rock music from the 1950's until the 1990's focusing on American Rock and British alterations to this genre. The course traces rock's history including its major performers, producers and audience; examines the cultural and economic forces that led to the creation of rock music; investigates the cross relationship between the visual arts and music; and fosters an understanding of how rock music has served as a center for social transformation in America. This is a listening intensive course. Students develop critical listening skills, identifying and describing musical elements and their function in rock music using musical terminology. The course includes readings from musicologists, historians, sociologists, journalists, and the musicians themselves.

FA 957**ORCHESTRA**

Two Semester Course

Freshmen, Sophomores, Juniors, Seniors

Prerequisite: Recommendation of the instructor

This class is open to student musicians who are at the intermediate level or higher. Orchestra includes strings (viola, violin, cello, string bass), woodwinds, select brass, and piano. Students perform selections from a variety of musical styles, eras, and composers. Placement is determined by audition. Performances are given throughout the year on weekends. Attendance at rehearsals during non scheduled class time/after school is expected.

FA 958 H**MUSIC THEORY H**

Two Semester Course

Juniors and Seniors

Prerequisite: Recommendation of the instructor

This course is intended for serious music students, especially those who plan to study music or music-related fields in college (i.e. music education, applied performance, music theater, music therapy). The course integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and history and style. Musicianship skills such as: dictation, sight-singing, and keyboard harmony are considered an important part of the course. The ultimate goal is to develop an ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. A student's ability to read and write musical notation is fundamental to this course. The course includes harmonization of a melody by selecting appropriate chords, composing a musical bass line to provide two-voice counterpoint, and the realization of figured-bass notation. Students enrolling in this course will be given materials to review over the summer to ensure all students a common theory background.

FA 959**PERCUSSION ENSEMBLE**

Two Semester Course

Freshmen, Sophomores, Juniors, Seniors

This class is open to all student percussionists. Students become proficient on all types of percussion instruments and perform literature written specifically for percussion. Performances are given throughout the year. Attendance at rehearsals during non scheduled class time is expected.

FA 960**ART STUDIO ONE**

One Semester Course

Freshmen, Sophomores, Juniors, Seniors

This course is a basic introduction to drawing and painting to give the student a chance to experience the theory and practice of creating a visual image using pencils and watercolors or colored pencils. Each quarter's work will consist of creative exercises in composition, design, technique, and color. Besides normal homework, the student will be required to complete monthly projects outside of the class period.

FA 963**INTRODUCTION TO MUSIC**

One Semester Course

Freshmen

Introduction to Music develops a student's music theory skills, historical knowledge, and an understanding and appreciation of music. Students learn how to read and write music, and compose and perform original compositions in different styles of music. Students listen and analyze music from around the world.

FA 962 H 1 ADVANCED STUDIO ART 1, 2, 3, 4 H

FA 964 H 2 One Semester Course

FA 966 H 3 Sophomores, Juniors, Seniors

FA 968 H 4 Prerequisite: Art Studio One and recommendation of the instructor

Individual studio courses aimed at expanding the student's experience with different mediums and forms of expression. A final portfolio/performance is expected at the conclusion, with a representative portfolio remaining the property of the department.

FA 969 SCULPTURE

One Semester Course

Sophomores, Juniors, Seniors

Sculpture I will be a full semester course that focuses on working in the third dimension. Students will work in clay, plaster, assemblage, found object, fiber, wire and wood. Sculpture students will learn the formal elements of sculpture as well as the techniques and processes involved in sculpture making. They will be introduced to a variety of sculptors in a historical context and in the contemporary arena. Critiques will take place at the quarter and at the end of the semester.

FA 970 FUNDAMENTALS OF PHOTOGRAPHY

One Semester Course

Freshmen, Sophomores, Juniors, Seniors

This is a basic course in the practice and theory of the manual 35 mm camera. Emphasis is both on the technical side of development and printing and on the conceptual side of understanding and creating the visual image. Class meets twice a week with darkroom time the rest of the week. Students must possess a reliable 35mm manual SLR or Rangefinder camera and have a free period in addition to the photo class period. At the end of the course the students will prepare a final portfolio of ten images that may remain the property of the school for future display.

FA 972 H 1 ADVANCED PHOTOGRAPHY 1, 2, 3, 4 H

FA 974 H 2 One Semester Course

FA 976 H 3 Sophomores, Juniors, Seniors

FA 978 H 4 Prerequisite: FA 970 and recommendation of the instructor

The capability of digital media to influence 21st century art making will be explored in this course. With an understanding of the elements of photographic composition under their belts from Fundamentals of Photo, students will now be introduced to the power of Photoshop. Students will learn how to utilize a digital single-lens reflex (DSLR) camera and begin editing their work in a professional manner for digital and print media publishing. This class will make use of studio lighting, Adobe Photoshop editing workflow, and creative expression via image manipulation. Students must provide their own DSLR cameras.

FA 977 ADVANCED DARKROOM TECHNIQUES

One Semester Course

Sophomores, Juniors, Seniors

Prerequisite: FA 970 and recommendation of the instructor

The Advanced Darkroom class will provide students who have a working knowledge of darkroom printing to explore exciting alternative processes. Students will be able to create multiple exposure prints, use liquid emulsion to create 3D photographs, rotate negatives to design kaleidoscope prints, create solarizations (semi-reversed tone prints), and work with larger format film allowing them to print larger size artworks. An emphasis will be placed on looking to Master Photographers of the past and present for inspiration in regards to street photography, portraiture and landscapes. Students will learn how to dry mount their work in an archival manner. Students must provide their own SLR film cameras and photo printing paper.

FA 981**ACTING I**

One Semester Course
Sophomores, Juniors, Seniors

This course is designed to give the student basic theory and practice in acting for the stage. Emphasis will be placed on voice and body movement, the principles of blocking, pantomime and improvisation. Developing a character through monologues and scene-study will also be required. The course will conclude with a performance of student-written one-act plays.

FA 983**ACTING 2**

One Semester Course
Sophomores, Juniors, Seniors
Prerequisite: Acting 1

This course is designed for the student who wishes to further explore the art of performance. Advanced scene-study, musical theater techniques, comic vs. dramatic skills, character analysis and further work in the improvisation and characterization will be covered at an advanced level. The course will conclude with a performance.

FA 987**INTRODUCTION TO ART**

One Semester Course
Freshmen

This semester long course teaches students the skills, techniques and various processes in making art. Students will be introduced to a variety of materials such as: pencil, charcoal, soft pastel, oil pastel, ink, watercolor, and clay. Students are taught the formal elements of drawing; line, space, value, color, form/shape, texture, and composition as well as the formal elements to sculpture. Even though this class is skill based this is a class that most importantly focuses on building confidence in art making.

FA 989 AP**ADVANCED PLACEMENT STUDIO ART (PHOTO)**

Two Semester Course
Juniors and Seniors
Prerequisite: Two semesters of studio art, successful completion of a summer Independent Study Portfolio Project, and recommendation of the instructor

Students must be highly motivated and serious about study of art, as they will produce a professional portfolio for examination by the AP College Board. Work will be completed outside the classroom.

FA 990**DANCE**

One Semester Course
Sophomores, Juniors, Seniors

This co-educational dance course is based on Modern Dance Techniques. It includes aspects of Ballet for correct physical placement/alignment and aspects of Jazz Dance for kinesthetic awareness, mastery of various rhythmic structures, and development of a strengthened and stretched musculature. This course will introduce students to Dance as the art form which encourages physical and emotional expression, drawing on the history and influences of dance. The class will use journal writing, video, books and lectures to complement the daily priority of rigorous physical conditioning and development of original compositions of Modern Dance choreography. The semester will culminate with an informal performance of student works.

INSTRUCTIONAL TECHNOLOGY

IT 931

DATABASE ANALYSIS AND STATISTICS

IT 941 H

One Semester Course

Prerequisite: Introduction to Technology or Multimedia in Public Speaking and recommendation of the Department Chair

Students will use Microsoft Access to learn how to design and join databases, write queries and reports as well as selecting and sorting data from the database. Students will then use the statistical program R to analyze the data. Finally, the students will combine both of these software applications to create papers and presentations. Baseball, weather, population and political databases will be used to teach the concepts of this course.

IT 933

WEB PUBLISHING

One Quarter Course

Prerequisite: Introduction to Technology or Multimedia in Public Speaking

This is a one quarter elective course focusing on the design and development of materials for the World Wide Web. Software studied includes Adobe Dreamweaver CS3 and various Internet authoring applications. The major project for the class will be the creation of a complete website.

IT 938

DESKTOP PUBLISHING

One Quarter Course

Prerequisite: Introduction to Technology or Multimedia in Public Speaking

This is a one quarter elective course focusing on the design and production of desktop publishing projects using InDesign, Photoshop and Illustrator. Student projects will utilize skills in building publications and in altering images included in the publications.

IT 942 AP

ADVANCED PLACEMENT "A" JAVA

One Semester Course

Prerequisite: JAVA H and recommendation of the instructor

This is a one-semester continuing in-depth study of the concepts introduced in the JAVA H course. Topics covered in this course include recursion, sorting and searching algorithms, designing object-oriented software solutions to problems from various application areas, study of the Grid World Simulation case study and preparation for the A-level Advanced Placement Examination in Computer Science.

IT 944 H

JAVA H

First Semester Only

Prerequisite: Introduction to Technology or Multimedia in Public Speaking

This is a one-semester study of JAVA language. Topics covered in this course include the basic elements of computer hardware and software, good programming style, Java syntax for declaring classes and objects, constants and variables, arithmetic expressions, algorithmic concepts, conditional and iterative control structures, OOP concepts, designing software solutions to problems and understanding one- and two-dimensional arrays.

IT 946**GENERATION WWW.Y**

One Semester Course

Prerequisite: Introduction to Technology or Multimedia in Public Speaking and 3.0 or higher or recommendation of the Department Chair

In this elective course, students develop information and technology literacy skills, as well as research, writing, presentation, mentoring, lesson planning, and leadership skills through collaboration with a teacher in infusing technology into that teacher's classroom instruction. Students will learn to assist their mentor teacher in using various forms of technology for classroom teaching.

LANGUAGE

LG 210
LG 217

LATIN 1

Two Semester Course

Prerequisite: Placement in 217 requires recommendation of the Department Chair

In this introductory course, the student will cover basic Latin forms, syntax, and vocabulary as well as highlights of Roman culture, history and mythology.

LG 220
LG 227

LATIN 2

Two Semester Course

Prerequisite: Latin 1, placement in 227 requires recommendation of the Department Chair

Latin 2 continues the objectives of Latin 1 with an emphasis on advanced grammar. Students begin readings in Caesar and discover his military leadership.

LG 228

LATIN 2

Two Semester Course

Prerequisite: Latin 1 and recommendation of the Department Chair

Latin 2 continues the objectives of Latin 1 with an emphasis on advanced grammar. Students begin readings in Caesar and discover his military leadership. This course must be taken with Greek 1 LG 229.

LG 229

GREEK 1

Two Semester Course

Prerequisite: Latin 1 and recommendation of the Department Chair

Greek 1 introduces the student to basic and advanced grammar and vocabulary necessary to begin reading Homeric Greek. Students also encounter sentences from Plato, Aristotle, and the Greek New Testament. This course must be taken with Latin 2 LG 228.

LG 230

LATIN 3

Two Semester Course

Prerequisite: Latin 2

This course builds on the work completed in earlier levels and begins the reading of continuous prose with an emphasis on Cicero.

LG 234 H

LATIN 3 H

Two Semester Course

Prerequisite: Latin 2 and recommendation of the Department Chair

This course builds on the work completed in earlier levels and begins the reading of continuous prose. In the second semester, students are introduced to the mechanics of Latin poetry via Catullus and Ovid.

LG 235 H**LATIN 3 H**

Two Semester Course

Prerequisite: Latin 2/Greek 1 and recommendation of the Department Chair

This course builds on the work completed in earlier levels and begins the reading of continuous prose. In the second semester, students are introduced to the mechanics of Latin poetry via Catullus and Ovid.

This course must be taken with Greek 2 LG 236 H.

LG 236 H**GREEK 2 H**

Two Semester Course

Prerequisite: Latin 2/Greek 1 and recommendation of the Department Chair

This course must be taken with Latin 3 LG 235 H.

LG 240**LATIN 4**

Two Semester Course

Prerequisite: Latin 3 and recommendation of the Department Chair

Latin 4 is an introduction to the poetry of Vergil with an emphasis on the cultural and political climate of Augustan Rome. Students read Homer's *Iliad* and *Odyssey* to appreciate Vergil's influence.

LG 248 AP**ADVANCED PLACEMENT LATIN 4: VERGIL**

Two Semester Course

Prerequisite: Latin 3 and recommendation of the Department Chair

This course serves as the preparation for the College Board Advanced Placement examination in Vergil.

LG 249 AP**ADVANCED PLACEMENT LATIN 4: VERGIL**

Two Semester Course

Prerequisite: Latin 3 235 H/Greek 2 236 H and recommendation of the Department Chair

This course serves as the preparation for the College Board Advanced Placement examination in Vergil.

LG 250 H**GREEK 3 H**

Two Semester Course

Prerequisite: Latin 3 235 H/Greek 2 236 H and recommendation of the Department Chair

Students are introduced to Attic Greek. They read from major authors: Aesop, Theophrastus, Herodotus, Xenophone, Thucydides, and Plato. This course must be taken with AP Latin 4 LG 249 AP. This course serves as the preparation for the College Board Advanced Placement examination in Vergil.

LG 251 H**LATIN LYRIC POETRY H**

Two Semester Course

Prerequisite: Latin 3 and recommendation of the Department Chair

The principal activity of this course is the reading of poetry from Catullus and Horace.

LG 310**SPANISH 1****LG 317**

Two Semester Course

Prerequisite: Placement in 317 requires recommendation of the Department Chair

In this introductory course the student covers basic Spanish forms, syntax, and vocabulary as well as cultural highlights of Spanish-speaking countries.

LG 315**SPANISH 1 HERITAGE**

Two Semester Course

Prerequisite: Recommendation of the Department Chair

This introductory course is offered as an option to freshmen with a spoken command of the language. The course emphasizes written Spanish and covers basic Spanish forms, syntax, and vocabulary. The course will utilize the rich linguistic and cultural knowledge of heritage Spanish speakers and move them along at a pace more appropriate than the regular Spanish 1 class.

LG 320**SPANISH 2****LG 327**

Two Semester Course

Prerequisite: Spanish 1, placement in 327 requires recommendation of the Department Chair

This course continues objectives of Spanish 1 and concludes work on the remaining indicative tenses and the imperative.

LG 325**SPANISH 2 HERITAGE**

Two Semester Course

Prerequisite: Spanish 1 Heritage and recommendation of Spanish Heritage teacher

This course is a continuation of Spanish 1 Heritage. This course aims to apply all cultural and formal grammatical knowledge learned in Spanish 1 Heritage to the critical analysis of literature, news and films related to Spanish, Latin American, and Latinos in the United States. Through essays and oral presentations, students will refine their state of linguistic and cultural maturity. Students who perform well in this class may be recommended for Spanish 4 the next year.

LG 330**SPANISH 3****LG 331**

Two Semester Course

Prerequisite: Spanish 2, placement in 331 requires recommendation of the Department Chair

Principal concentration is on the reading of short selections in Spanish literature, continued enrichment of grammar and vocabulary, and emphasis on responding in Spanish.

LG 334 H**SPANISH 3 H**

Two Semester Course

Prerequisite: Spanish 2 and recommendation of the Department Chair

Principal concentration is on the reading of short selections in Spanish literature, writing of short compositions, continued enrichment of grammar and vocabulary, and emphasis on responding in Spanish. This course is designed to prepare the student for Advanced Placement Spanish 4.

LG 340**SPANISH 4**

Two Semester Course

Prerequisite: Spanish 3 and recommendation of the Department Chair

Spanish 4 broadens the student's understanding of grammatical structures, culture and history of Latin America and Spain.

LG 348 AP ADVANCED PLACEMENT SPANISH LANGUAGE

Two Semester Course

Prerequisite: Spanish 3 and recommendation of the Department Chair

This course satisfies the language and the honors elective requirements for the honors diploma. This intensive grammar course serves as a preparation for the Advanced Placement Spanish Language Examination.

LG 349 AP ADVANCED PLACEMENT SPANISH LITERATURE

Two Semester Course

Prerequisite: Spanish 4 and recommendation of the Department Chair

Advanced Placement Literature is an advanced Spanish language and literature course designed for those students who have completed four years of Spanish at Saint Ignatius. The emphasis is on grammar, composition, and discussion on the basis of short literature pieces, both Latin American and peninsular.

LG 350 SPANISH 5

Two Semester Course

Prerequisite: Spanish 4 and recommendation of the Department Chair

Spanish 5 is an advanced Spanish language and literature course designed for those students who have completed four years of Spanish at Saint Ignatius. The emphasis is on grammar, composition, and discussion on the basis of short literature pieces, both Latin American and peninsular.

LG 361 MANDARIN CHINESE 1

Two Semester Course

Introduction to Chinese language and culture, focused on building pinyin and Chinese character formation while developing communicative competence in the four basic skills of speaking, listening, reading, and writing.

LG 363 MANDARIN CHINESE 2

Two Semester Course

Prerequisite: Mandarin 1 recommendation of the Department Chair

Building upon the language skills developed in Chinese 1, students will continue learning the basic skills of listening, speaking, reading, and writing of Chinese for everyday communication and exploring different cultural perspectives.

LG 364 MANDARIN CHINESE 3

Two Semester Course

Prerequisite Mandarin 2

A continuation of Mandarin Chinese 2 focused on the further development of conversational, reading, and writing skills as well as increased awareness of Chinese culture.

LG 365 H MANDARIN CHINESE 3 H

Two Semester Course

Prerequisite Mandarin 2 and recommendation of the Department Chair

This course is a continuation of Mandarin Chinese 2, focused on the further development of conversational reading, and writing skills as well as increased awareness of Chinese culture.

LG 444 AP**ADVANCED PLACEMENT FRENCH 4 LANGUAGE**

Two Semester Course

Prerequisite: French 3 and recommendation of the Department Chair

This intensive course serves as the preparation for the Advanced Placement French Language Examination.

LG 450 H**FRENCH 5 H**

Two Semester Course

Prerequisite: French 4 and recommendation of the Department Chair

This course builds upon the work completed in French 4 AP and is designed for those students who have completed four years of French at Saint Ignatius. The content is based on representative works of French literature in all genres, from the sixteenth through the twentieth century, analyzing the form and content of each work in its social, political, and historical context.

MATHEMATICS

A student must take a minimum of three years of mathematics at Saint Ignatius for graduation. A student's core curriculum depends upon his or her freshman math placement. All core curriculum math courses must be taken at Saint Ignatius except in the case of remediation of failing grades in courses not offered in The Saint Ignatius Summer School.

MA 515

ALGEBRA 1

Two Semester Course
Freshmen

MA 516

ADVANCED ALGEBRA 1

Two Semester Course
Freshmen
Prerequisite: Recommendation of the Department Chair

MA 519

ALGEBRA LAB

Two Semester Course
Freshmen
Prerequisite: Recommendation of the Department Chair

MA 520

ALGEBRA 2 /TRIGONOMETRY LAB

Two Semester Course
Juniors
Prerequisite: Recommendation of the Department Chair

MA 525

GEOMETRY

MA 526 H

Two Semester Course
Freshmen and Sophomores
Prerequisite: Placement in 526 H requires recommendation of the Department Chair

MA 527

GEOMETRY LAB

Two Semester Course
Sophomores
Prerequisite: Recommendation of the Department Chair

MA 529 H**ALGEBRA 2/TRIGONOMETRY SELF STUDY H**

Second Semester Only

Sophomores

Prerequisite: Algebra I with grade of A and Geometry Honors (first semester) with a grade of A- and recommendation of the Department Chair

This course is designed to allow those students who have not been accelerated in mathematics to continue in honors mathematics. Completion of the self-study program in Algebra2/Trigonometry with a minimum grade of B+ places a student in Precalculus Honors as a junior. Course grades and credit (1.0) will appear on student transcripts and will be calculated in a student's GPA. The recommended calculator is the TI-84 unless otherwise noted by the teacher.

MA 535**ALGEBRA 2/TRIGONOMETRY****MA 536 H**

Two Semester Course

Freshmen, Sophomores, Juniors

Prerequisite: Placement in 536 H requires recommendation of the Department Chair

MA 540**TOPICS IN SENIOR MATHEMATICS**

One Semester Course

Seniors

Prerequisite: Recommendation of the Department Chair

This course is intended for students who have found high school math to be extraordinarily challenging and are not recommended for precalculus. The class addresses a variety of new and interesting mathematical topics: bases, set theory, logic, number systems and number theory. Students also review some mathematical concepts (trigonometry, probability) that will be necessary for college and entrance exams. The recommended calculator for this course is the TI-84.

MA 542**TRIGONOMETRY**

One Semester Course

Seniors

Prerequisite: Recommendation of the Department Chair

This class is appropriate for students who are not taking precalculus but want to extend their knowledge of trigonometry to better prepare for college. Along with a review of basic right triangle trigonometry, students learn radian measure, the unit circle, trigonometric identities and applications of trigonometry. The recommended calculator for this course is the TI-84.

MA 545**PRECALCULUS**

Two Semester Course

Seniors

Prerequisite: Recommendation of the Department Chair

This course continues the development of topics in advanced algebra, trigonometry, and analytic geometry with a graphing approach. The use of technology allows the focus of the course to be on problem solving and exploration and opens the door to solving problems that arise from real world situations. The course connects numerical, algebraic and graphical representations and stresses the need to know how and when to use a graphing utility. Topics developed include polynomial, rational, exponential, logarithmic and trigonometric functions, parametric equations and polar coordinates. Some discrete topics included in the course are matrices, probability and statistics. The course is for juniors and seniors who plan to, or will need to, study calculus in college (science, math or engineering majors) or who simply wish to further their mathematical education. The recommended calculator for this course is the TI-84.

MA 546 H**PRECALCULUS H**

Two Semester Course

Freshmen, Sophomores, Juniors, Seniors

Prerequisite: Recommendation of the Department Chair

The course is described above under MA 545. This honors course is designed for juniors planning to take AP Calculus in their senior year and for seniors who have shown that they can meet the rigors of the honors program. The student is expected to have gained and retained mastery of the subject matter (functions, logarithms, trigonometry, etc.) of Algebra 2. The workload includes independent study, student research reports, both written and oral, and a significant amount of work with graphing calculators. The recommended calculator for this course is the TI-84.

MA 549 AP**ADVANCED PLACEMENT AB CALCULUS**

Two Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Precalculus H (or A/A-in Precalculus) and recommendation of the Department Chair

This course is an advanced placement course and is a full semester of college level calculus. Students should have a thorough knowledge of algebra, axiomatic geometry, trigonometry, and analytic geometry. Calculus topics covered include: differentiation of polynomials, trigonometric, exponential, logarithmic, and inverse trig functions; differentiation of powers, products and quotients; limits; derivative applications such as max-min problems, related rates, and curve sketching; applications of integrations such as area between curves, volumes of revolution and distance traveled in a straight line. All students are required to take an AP exam. The recommended calculator for this course is the TI-84 or TI-89.

MA 558 AP**ADVANCED PLACEMENT BC CALCULUS**

Two Semester, Lab Course (requires 2 class periods)

Sophomores, Juniors, Seniors

Prerequisite: Precalculus H and recommendation of the Department Chair

This course is intended for students who have an understanding of analytic geometry and elementary functions in addition to college preparatory algebra, geometry, and trigonometry. It covers considerably more material than AB Calculus HH with the result that those who pass this course will be able to place out of a full year of college math. It is reserved for those students only who are capable of involving themselves deeply in mathematical content, understanding it with a certain amount of ease, and who are free to dedicate the time necessary for this enterprise. Work with graphing calculators is an integral part of the course. All students are required to take an AP exam. The recommended calculator for this course is the TI-84 or TI-89.

MA 561**FINITE MATHEMATICS**

One Semester Course

Seniors

Prerequisite: Recommendation of the Department Chair

Finite mathematics is often described as the mathematics necessary for decision making. This course will investigate topics that will prepare the student for applying mathematics in a technological society. Major topics to be covered will include matrix theory, linear programming, game theory, graph theory, mathematics of finance, and their applications to management, life, and social services. The recommended calculator for this course is the TI-84.

MA 565**STATISTICS**

One Semester Course

Seniors

Prerequisite: Recommendation of the Department Chair

This one semester course introduces students to the fundamental concepts of statistics--probability, correlation and regression, the binomial and normal distributions, samples and populations, and making predictions with confidence. This course is meant for students who want to develop a better understanding of statistics but are unable to take AP Statistics; it would be especially useful for students involved in research that requires analysis. The focus will be on developing a conceptual understanding and application of statistics.

MA 569 AP**ADVANCED PLACEMENT STATISTICS**

Two Semester Course

Juniors, Seniors

Prerequisite: Algebra 2/Trigonometry with a minimum grade of B and recommendation by the Department Chair

Advanced Placement Statistics is divided into four major themes: describing graphically and numerically; designing experiments and survey; working with probability; and using significance tests and confidence intervals. This class would be especially appropriate for students who will be required to take a statistics course in college, e.g. students who plan to major in psychology, social sciences or education where understanding of research designs and interpretation of statistics is required. All students are required to take the AP exam. This course cannot be used as a substitute for a core curriculum course. The recommended calculator for this course is the TI-84 or TI-89.

RELIGIOUS STUDIES

RS 810 ROMAN CATHOLICISM & THE WORLD RELIGIONS

Two Semester Course

All Freshmen

Students begin their four-year program with an investigation of faith from a universal perspective and will strive to see how religions can be viewed as a form of self-understanding. The course will focus on Roman Catholicism as well as explore the other religions of the world (Judaism, Christianity, Islam, Hinduism, Buddhism), discovering their similarities and differences. In the Jesuit tradition, the Ignatian Pedagogical Paradigm is foundational.

RS 820 CHRIST: THE ETERNAL WORD

Two Semester Course

All Sophomores

The second year program encourages the students to deepen their understanding of Sacred Scripture by: challenging them to imitate Christ and proclaim the Gospel, showing them how and why Scripture continues to address the human experience, praying in the Ignatian tradition, and allowing the Scripture and the tradition to speak to them. Students will identify the relationship between Scripture, the liturgical and sacramental life of the Church, and service as they live practice of the Catholic faith. Furthermore, select activities are designed to connect Scriptural passages to their sophomore service experience and their retreat themes of conversion and community.

RS 830 IMAGES OF HUMANITY: PHILOSOPHY, CHRISTOLOGY AND ETHICS

Two Semester Course

All Juniors

As students move into their upper-class years, there is a growing emphasis on the meaning and impact of Roman Catholic commitment in contemporary life. Juniors explore various philosophical, psychological and theological theories of the human person and human nature. By examining the Gospel of Mark and various Christological thoughts, the students will seek a fuller understanding of the person of Jesus, his mission in the world and the Christian call to discipleship. Given these insights into the human person, the juniors will study ethical theories and the practical application of these theories in moral decision making. In the Jesuit tradition, the Ignatian Pedagogical Paradigm is foundational.

Seniors

Students in their senior year attempt to review and synthesize material from their earlier work in Religious Studies as well as acquire new information and understanding of the basic beliefs of the Roman Catholic tradition. The senior course begins with the first semester course (RS 846) Faith and the Catholic Tradition. In the second semester, students choose from courses which focus and expand upon particular topics introduced in the first semester. The second semester options are:

- Consumerism and the Reign of God
- In Search of God
- Peace and Justice
- Sacramental Vision

RS 846 **FAITH AND THE CATHOLIC TRADITION** First Semester Course All Seniors

This first semester senior course begins with an exploration of the epistemology and moves into an examination of the experience, themes, and understanding of faith in the Catholic Tradition. After a study of ecclesiology and sacramental theology, the students will examine the key doctrines of Catholic social teaching. In the Jesuit tradition, the Ignatian Pedagogical Paradigm is foundational.

RS 841 **CONSUMERISM AND THE REIGN OF GOD** Second Semester Course Seniors

What role do possessions and power play in our quest for meaning? How does our faith challenge us to embrace the counter-cultural attitudes of simplicity and poverty of spirit? In this one semester concentration, students will investigate the causes and effects (personal, social, and ecological) of contemporary consumer culture in the United States through the following lenses: Jesus' understanding of the reign of God, Catholic Social Teaching, and Ignatian Spirituality. Students will be challenged to form and to put into action their own concrete responses, rooted in the Catholic Tradition, to the dominant consumer culture.

RS 842 **IN SEARCH OF GOD** Second Semester Course Seniors

In this one semester concentration, students will review and synthesize material from their earlier work in Religious Studies and acquire new information and understanding of the basic teachings of the Roman Catholic Church about God, Jesus Christ, the Holy Spirit, and the Church. Students will explore such questions as: What is the nature of God? What images do I have of God? What role do sacraments play in my relationship with God? What does the Church teach us, through encyclicals and pastoral letters, about God, Jesus Christ, and the Holy Spirit? How could this help me develop my relationship with God?

RS 843 **PEACE AND JUSTICE**
Second Semester Course
Seniors

In this one semester concentration, students will study the long and rich history of Roman Catholicism's countercultural stance against violence and war. Students will focus on the issues of race, poverty, and war and the Church's response through its social justice teachings. Students will also investigate particular moments in the history of the American Church when its members acted courageously in the fight for peace and justice.

RS 844 **SACRAMENTAL VISION**
Second Semester Course
Seniors

Students in this one semester concentration will review and synthesize material from their earlier work in Religious Studies, while gaining a deeper understanding of the basic beliefs of the Roman Catholic tradition. Students will explore the foundations and the implications of a Catholic sacramental vision. In addition, they will investigate the major theological themes: trinity, Christology, sin and salvation, Paschal Mystery, and ecclesiology, through the lenses of marriage, ordained ministry, reconciliation, and healing.

RS 801 H **FAITH AND THE CATHOLIC TRADITION –
IMMERSION H**
Two Semester, Two Credit, Two Period Course
Seniors

This double-period, two credit course combines the fourth year Religious Studies curriculum with a service learning component. Three days of the 8-day school cycle will consist of double-period classroom instruction. Students in their senior year review and synthesize material from their earlier work in Religious Studies as well as acquire new information and understanding of the basic beliefs of the Roman Catholic tradition. The senior program begins with an exploration of the importance and value of meaning in human life and existence. After moving through a discussion of the philosophical underpinning of the theological investigation, the students will examine the key doctrines of Christianity with a special emphasis on creation, incarnation, and redemption. In conclusion, the students will attempt to see the integral relationship between faith and justice through direct involvement within the community as well as the time necessary for significant personal reflection. In the Jesuit tradition, the Ignatian Pedagogical Paradigm is foundational.

The Immersion option for the senior level course is designed to combine the classroom component with direct service while using Chicago's Near West Side as the classroom. Through direct involvement within the community as well as the time necessary for significant personal reflection, Faith and the Catholic Tradition - Immersion helps the student actualize the expectation of the Profile of a Graduate from a Jesuit High School at Graduation: intellectual competence, open to growth, religious, loving, and a commitment to doing justice.

Students will work three days each cycle in a community setting to allow for first-hand experience. The Immersion option offers an excellent opportunity for personal growth and integration as students work with peers, faculty, and site supervisors, in addition to the people served. It is the only course in the curriculum that allows for such intense action and reflection with a view toward synthesizing all that Saint Ignatius College Prep has hoped to accomplish in each of the disciplines it offers. *This course meets for two consecutive class periods 6 out of the 8 day cycle.*

SCIENCE

All Science courses are laboratory courses which meet seven to ten periods per eight day cycle. The two-year Integrated Science Program meets Saint Ignatius College Prep's graduation requirement, but many colleges and universities expect their applicants to have taken at least three years of high school lab science.

INTEGRATED SCIENCE

Two Year Program

Integrated Science is a two year program in which the principles of biology, chemistry, and physics are learned and applied as an integrated whole. The first year (SC 619/620) involves the student in learning and applying theories and concepts that bind the sciences together such as energy and force. The second year (SC 629/630) builds on these principles to treat biology, chemistry, and physics as a unified science. Thus, topics normally taught separately in the traditional three-year sequence are integrated in this program. The successful completion of this two-year course of studies prepares the student for advanced placement, college-level courses in the traditional sciences and is required for all students beginning in either freshman or sophomore year.

SC 619 H

INTEGRATED SCIENCE 1 H

Two Semester Course

Freshmen

Prerequisite: Recommendation of the Department Chair, based on entrance exam scores and Math Placement Exam scores

SC 620

INTEGRATED SCIENCE 1

Two Semester Course

Sophomores

SC 629 H

INTEGRATED SCIENCE 2 H

Two Semester Course

Sophomores and Juniors

Prerequisite: Recommendation of the Department Chair, based on Integrated Science 1 performance

Additional field trip fees required

SC 630

INTEGRATED SCIENCE 2

Two Semester Course

Sophomores and Juniors

Additional field trip fees required

SC 650**HUMAN ANATOMY & PHYSIOLOGY**

Two Semester Course

Juniors and Seniors

Human Anatomy and Physiology is designed for students who wish for more detailed explanations of the functions of the human body than those already covered in the Integrated Science course. Emphasis will be placed in the area of practical use with special attention given to the latest research and physiology. Molecular biology, biochemistry of DNA, protein synthesis, biotechnology and human genetics will be included in this course.

SC 684 H**GENETICS 1: HUMAN GENETICS
FUNDAMENTALS H**

One Semester Course

Juniors and Seniors

The first semester of genetics begins with a closer look at classical genetics introduced in the second year of Integrated Science. Starting with the historical origins of genetics, students will build a framework by studying the laws of inheritance and animal development through analysis of human pedigrees, animal-model experiments and karyotyping. Background material on molecular genetics and experiments in DNA forensics, PCR and electrophoresis will enable the student to pursue the modern fields of genetic engineering and biotechnology. Learning the history of changing paradigms in genetics, students will explore past and current misapplications of this powerful field including the nature/nurture debate, eugenics, and various ethical dilemmas.

SC 686 H**GENETICS 2: 21st CENTURY CHALLENGES H**

One Semester Course

Juniors and Seniors

Prerequisite: Genetics 1 H

Having a background in classical genetics, students in Genetics 2 encounter applied genetics. Leading themes of the course include: Genes, Race, and Tribe, What makes us who we are? Our genetic heritage, racial profiling, medical genetics, markers and screening; Genes and Origins, Genetics & evolutionary studies on human origins: Knowing Our Future, a search for control of our genetic lives: reproductive technologies, genetic screening, gene therapy, stem cells and various methods of interference RNA; The Good, the Bad, and the Ugly - bacteria, viruses, prions and plagues, past, present, and future, from the introduction of antibiotics to G.E. agriculture, designer drugs, DNA microchip arrays & nanotechnology.

ADVANCED PLACEMENT SCIENCE/INDEPENDENT RESEARCH IN SCIENCE

Students wishing to enroll in Advanced Placement courses must have completed the Integrated Science program, have a 3.33 or higher average in all previous math and science classes and have the recommendation of the Department Chair. All AP Science courses have four double-period labs associated with them. That is, they meet for 10 class periods every eight day cycle.

SC 689 INDEPENDENT RESEARCH

Two Semester Course

Juniors and Seniors

Prerequisite: Approval of research proposal by research director

The Independent Research course is a full-year elective open to students who have completed the Integrated Science Program. Individual research project proposals are submitted for approval prior to the academic year. During the school year, students will finalize a proposal, prepare a written experimental design, perform the experiment, write a final research paper and participate in an annual science symposium. After the initial proposal is approved by the research director, a faculty mentor will be assigned to assist the research student; it is the responsibility of the student to actively work on his or her research throughout the entire academic year. Opportunities for research outside the research lab can be investigated and implemented, if appropriate. The science department funds research projects. Students who would like more information about this course should consult either a science teacher or the research director. Students earn a pass/fail grade for their work first semester and a letter grade for their work second semester.

SC 696 AP ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE

Two Semester Course

Juniors and Seniors

The Advanced Placement Environmental Science course offers curriculum equivalent to a college-level *introduction to ecology* course with a laboratory. It includes a variety of topics including: earth science, resource use, ecosystem functioning, population dynamics, energy consumption, and pollution. The goal of AP Environmental Science is to prepare students to identify and analyze environmental problems, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The laboratory exercises reinforce basic science methodology, explore natural relationships, and practice problem solving. This course serves as preparation for the College Board Advanced Placement Exam.

SC 697 AP ADVANCED PLACEMENT BIOLOGY

Two Semester Course

Juniors and Seniors

A comprehensive course designed to be the equivalent of a first-year college course. The fundamental principles of biology are investigated in greater depth and detail than in the Integrated Science program. Special emphasis will be placed on the following areas: cellular molecular biology, organismal biology, and ecological, evolutionary and developmental biology. This course serves as preparation for the College Board Advanced Placement Exam. Additional field trip fees may be required.

SC 698 AP**ADVANCED PLACEMENT CHEMISTRY**

Two Semester Course

Juniors and Seniors

The Advanced Placement Chemistry course is equivalent to a college-level course in general chemistry. Students study matter and its changes, as well as the energy changes associated with physical and chemical reactions. Topics include: atomic theory and structure, states of matter, stoichiometry, equilibrium, acids and bases, chemical kinetics, oxidation/reduction, and thermodynamics. Understanding chemical concepts is stressed, but there is considerable emphasis on mathematical calculations based on chemical principles. Laboratory work highlights the chemical concepts covered in class as well as descriptive chemistry. This course serves as preparation for the College Board Advanced Placement Exam.

SC 699 AP**ADVANCED PLACEMENT PHYSICS**

Two Semester Course

Juniors and Seniors

The Advanced Placement Physics B course is equivalent to a college-level, non-calculus based survey course in physics with a laboratory. Topics that will be studied include: mechanics, wave motion, thermodynamics, light, electricity, magnetism, and modern physics. This course serves as preparation for the College Board Advanced Placement Exam.

SOCIAL STUDIES

SS 713

WORLD HISTORY

SS 715

Two Semester Course

SS 717

All Freshmen

Placement by Department Chair based on Entrance Exam scores

The World History curriculum takes an approach to analyzing the growth of civilization based on regional development. The first semester focuses on the Mediterranean World, including Africa, the Middle East and Europe, from the birth of civilization until 1900. During the second semester students study the western hemisphere and Asia, again going back to the origins of societies through 1900. The year will conclude by studying the convergence of societies around the globe during the Age of Imperialism through the independence movements of the late 20th century. Upon completion of World History, students develop academic skills in identifying important content in primary and secondary source readings, note taking, presentation of critical thinking in individual and group projects, analysis of data from maps, graphs, and charts, class participation, and writing cogent essays.

SS 724

U.S. HISTORY AMERICAN STUDIES

Two Semester Course

Sophomores

Prerequisite: Completion of World History

This course is the U.S. History component of the American Studies course. American Studies is a team-taught, interdisciplinary course studying literature and U.S. History in an integrated curriculum. The English and History classes are scheduled in consecutive periods. Students who take American Studies will earn one credit in English and one credit in Social Studies. Students must also register for English 2 U.S. Literature and Composition – American Studies ES 121. Additional field trip fees required.

SS 725

U.S. HISTORY

SS 727

Two Semester Course

Sophomores

Prerequisite: Completion of World History, placement by recommendation of the Department Chair

In order to understand the kind of nation which is the United States of America today and to become informed and active citizens, students in this course examine the “why” as well as the “what” of their history. In particular, they study the development of the democratic political system, the gathering of people and cultures from all over the world into this society, the transformation of its economy from agricultural to post-industrial, and its changing role in the world. Upon completion of U.S. History, students will demonstrate an understanding of the interplay among the political, economic and social factors which define this nation.

SS 728 AP

ADVANCED PLACEMENT U.S. HISTORY

Two Semester Course

Prerequisite: Sophomores, Recommendation of World History teacher and by recommendation of the Department Chair after a writing assessment

The AP United States History course is a comprehensive and in-depth study of U.S. History. Students study the development of the democratic political system, the gathering of people and cultures from all over the world into this society, the transformation of its economy from agricultural to post-industrial, and its changing role in the world. Upon completion of A.P. United States History, students will demonstrate a deepened understanding of the interplay among the political, economic, and social factors which define this nation. Students in this course use college textbooks and primary source materials. Students are required to complete reading and writing assignments prior to beginning the course. All students take the Advanced Placement Examination. Students may earn up to six hours of college credit upon successful completion of the AP exam in this subject.

SOCIAL STUDIES ELECTIVES

All students at Saint Ignatius are required to earn 3 credits (3 years) in Social Studies. The third year requirement is one semester of economics (.5 credit) and a one-semester elective (.5 credit) or a full-year Advanced Placement course in junior or senior year. Junior and Senior students may take the courses listed below for honors credit by registering for the course number designated with an H. Extra work will be assigned in these courses as the basis of earning honors credit.

Social Studies courses are offered on a rotating schedule as follows:

The following Social Studies courses are offered every year:

- 729/739 H Introduction to Sociology (dual enrollment)
- 730/740 H Chicago History and Politics
- 735/775 H Political Theory
- 737/747 H Introduction to Psychology (dual enrollment)
- 742/792 H Religion, Politics and Society
- 753/763 H Introduction to Economics
- 759/770 H American Cultural Studies
- 761/781 H Ancient Greek History
- 762/782 H History of Rome
- 771/791 H Society and Technology
- 768 AP Advanced Placement Economics
- 798 AP Advanced Placement Comparative Politics

The following Social Studies courses will be offered in 2012-2013 and 2014-2015:

- 757/797 H Modern History – Europe and the Americas
- 758/788 H Modern History – Africa, the Middle East, and Asia
- 745/795 H African American Historical Perspective Until 1877
- 746/796 H African American Historical Perspective Since 1863

The following Social Studies courses will be offered in 2013-2014 and 2015-2016:

- 769/789 H African American Cultural Studies (History) taken with 165/196 H African American Cultural Studies (English)
- 750/760 H Biographical History
- 751/765 H U.S. Government
- 755/732 H Twentieth Century U.S. Foreign Policy
- 779 AP Advanced Placement Modern European History

SS 729

SS 739 H

INTRODUCTION TO SOCIOLOGY

One Semester Course

Dual Enrollment

In order to prepare students to be global citizens, it is important to emphasize the ways in which the social world has been constructed. Why are people categorized into races, genders, and classes? How are these classifications created and maintained? What are the consequences of these labels for society and individuals? At the core of this class is the analysis of the causes and consequences of social change through a sociological framework. The course challenges students to critically examine the world around them. On doing so, students investigate the social injustices in their local communities, at the national level, and in the international community. Topics include the evolution and social construction of race, the economic and political structures that support class divisions in American society and internationally, and the evolution of gender roles and inequalities that exist in society. Honors students are required to complete additional assignments. Additional field trip fees may be required.

SS 730

SS 740 H

CHICAGO HISTORY AND POLITICS

One Semester Course

The Chicago History and Politics course is designed to provide students with an understanding of Chicago's social and political history as well as a basic understanding of the political system of the City of Chicago and Cook County. To better understand the city's history, students examine the major industries that shaped the city's early economy, the Great Fire, the architectural styles of the city's downtown area, the World's Fair, the city's culture and diverse neighborhoods, and the political history of the city. Field trips to various locations around the city enhance the students' learning of the coursework. Honors students are required to complete additional assignments. Additional field trip fees required.

SS 735

SS 775 H

POLITICAL THEORY

One Semester Course

This course focuses on the classical ideas of state, freedom, equality, justice, democracy, and citizenship. The classical ideologies included are: liberalism, conservatism, socialism, anarchism, and nationalism. The contemporary ideologies and ideas discussed are: multiculturalism, ecogism, fundamentalism, difference, human rights, and terrorism. Students examine these topics and how they guide and inform political action. Through reading, discussing, writing, reflecting, and applying knowledge, students develop an understanding of the significance of political theory in both historical and current political contexts. Honors students are required to complete additional assignments.

SS 737

SS 747 H

INTRODUCTION TO PSYCHOLOGY

One Semester Course

Dual Enrollment

This course is designed to stimulate interest in and expand knowledge of the field of psychology. The word "psychology" is derived from two terms-*ology* meaning "study" and *psyche* meaning "mind." In our "study of the mind," students examine various psychological phenomena from biobehavioral and sociobehavioral perspectives. Current issues in psychology such as intelligence, development, perception, learning, abnormal behavior, language, and social behavior will be explored. This course requires both independent and interactive participation through group discussions, project activities, and individual assessments. Through dialogue, discussions, and interactions with others, this course offers students an opportunity for active intellectual and emotional growth, not only in learning about the topics of psychology, but in life as well. Honors students are required to complete additional assignments.

SS 742 RELIGION, POLITICS AND SOCIETY

SS 792 H One Semester Course

This course is designed to provide the analytic and theoretical tools as well as the historical background necessary to understand the relations of religion, politics and society in our contemporary world. To better understand our present geo-political situation, students examine such topics as: relations of the developed and impoverished countries; movements of protest, liberation and independence; the debate over globalization; fundamentalisms in the modern age; and the upsurge of religious and ethnic conflict in the latter part of the 20th century. Case studies look at “cult” groups such as Jonestown and the Branch Davidians; non-violent liberation movements such as: Gandhi’s anti-colonial nationalism and the Civil Rights Movement; as well as more violence-prone extremist groups such as: Hindu nationalists and Islamic militants. A question that students return to again and again throughout the course concern the relevance of political realities for Christian faith and what a Catholic political spirituality might look like. Honors students are required to complete additional assignments.

SS 745 AFRICAN AMERICAN HISTORICAL PERSPECTIVE
SS 795 H UNTIL 1877

One Semester Course

Offered in 2012-2013 and 2014-2015

This one semester course is designed to examine United States history from the perspective of African Americans. Students will critically consider the shortcomings of traditional representations of African Americans within the context of this history. In doing so, discussion and course work focuses on African Americans’ agency, struggles and perseverance in political, social and cultural arenas in the United States. Students will begin our study with the conception of civilization in North Africa. The course traces the history of the people of African ancestry in the Americas from West Africa, which was the primary source of slaves in the trafficking of Africans to the Americas, through the Civil War and Reconstruction. As discussion is a major component of this course, students from diverse backgrounds are encouraged to actively share ideas about race relations in the United States. Honors students are required to complete additional assignments.

SS 746 AFRICAN AMERICAN HISTORICAL
SS 796 H PERSPECTIVE SINCE 1863

One Semester Course

Offered in 2012-2013 and 2014-2015

This one semester course is designed to examine United States history from the perspective of African Americans. Using a thematic approach, students critically consider the shortcomings of traditional representations of African Americans within the context of this history. In doing so, discussions and coursework focuses on African Americans’ agency, struggles and perseverance in political, social and cultural arenas in the United States. Students begin with an overview of the Emancipation Proclamation and the Reconstruction Era and trace the African American experience throughout the 20th century. As discussion is a major component of this course, students from diverse backgrounds are encouraged to actively share ideas about race relations in the United States. Honors students are required to complete additional assignments.

SS 750 **BIOGRAPHICAL HISTORY**

SS 760 H

One Semester Course

Offered in 2013-2014 and 2015-2016

Every historical era has its representative figures, men and women who in their lives both express as well as give shape to the dominant forces and values of their time. This course uses biography and autobiography to meet and understand some of those emblematic figures—Asian, European, and American—across the last two centuries. Those individuals studied are post-Vietnam and Watergate presidents, including: Ford, Carter, Reagan, and Clinton (the presidency will be studied in light of the new cynicism of both the press and the people); Tsar Nicholas and Tsarina Alexandra, the last of the Romanovs who gave way to the Russian Revolution; Mohandas Ghandi, a moral hero who led the movement for independence in India and inspired the work of Martin Luther King, Jr.; Franklin and Eleanor Roosevelt, whose combined genius redefined the role of government in modern America; and a group portrait of an urban ghetto Chicago family depicted in Alex Kotlowitz's *There are No Children Here*. Disparate as these figures, their times, and cultures are, they nevertheless interconnect in significant ways. Honors students are required to complete additional assignments.

SS 751 **U.S. GOVERNMENT**

SS 765 H

One Semester Course

Offered in 2013-2014 and 2015-2016

U.S. Government is a course designed to provide students with an understanding of the American national government. Students develop an understanding of the principle themes in U.S. Government, the ability to analyze historical evidence, and the skills to express their knowledge in writing. Students study topics such as: political beliefs and behaviors, the role of the media in a democracy, constitutional underpinnings of government, and institutions of government including the Presidency, Congress, the Federal Courts and the Bureaucracy. Honors students are required to complete additional assignments.

SS 753 **INTRODUCTION TO ECONOMICS**

SS 763 H

One Semester Course

The principal aim of the course is to develop “economic literacy” and to give students a framework by which to understand and interpret current economic changes and events, especially their impact on the United States economy. Both domestic and international economic issues are studied. Understanding supply and demand and the concept of economic scarcity is the first basic tool towards understanding what these changes are and how they affect economic choices and decisions of individuals, businesses, and the government. An emphasis on current events, especially those that affect economic decisions, is seen in numerous class discussions. To achieve these aims, students use current newspaper articles, magazines, and a standard economics textbook to guide them through basic theoretical interpretations of current economic issues. Some time will be spent on the principles of investing, the budget deficit, capitalism, the economics of current social problems, unemployment, fiscal and monetary policy and how the economy relates to the student in today’s world. Honors students are required to complete additional assignments. Additional field trip fees may be required.

SS 755 **TWENTIETH CENTURY U.S. FOREIGN POLICY**

SS 732 H

One Semester Course

Offered in 2013-2014 and 2015-2016

This course provides an in-depth study of World War II to the present. The focus is on American Russian rivalry and the implications of that rivalry to the rest of the world. Each of the units is defined by the U.S. President, the events during his presidency, and the course of action taken. Some of the interesting topics that are explored include: the origins and rise of the Cold War, the Korean War, the Vietnam War, the Cuban Missile Crisis, and the Iranian Hostage Crisis. The study of current events allows students to see what is happening today within a historical perspective since 1945. Honors students are required to complete additional assignments.

SS 757
SS 797 H

MODERN HISTORY—EUROPE AND THE AMERICAS

One Semester Course
Offered in 2012-2013 and 2014-2015

The 20th century Atlantic World witnessed great upheavals from the beginning of the century to the collapse of communism in Europe and the rise of democracy in Latin American. This course focuses on major developments that affected Europe, Latin America and the United States throughout the 20th century: World War I, the Great Depression, Democracy and Dictatorship, World War II, the Cold War, the New World Order, and Globalization. Historical writings, literature, films and video, and current events are used to introduce students to these areas of the world and help students understand the challenges that face them in the early 21st century. Honors students are required to complete additional assignments.

SS 758
SS 788 H

**MODERN HISTORY - AFRICA, THE MIDDLE EAST,
AND ASIA**

One Semester Course
Offered in 2012-2013 and 2014-2015

The Global Village and the international economy are realities experienced in life in the 21st century. This course is designed to help students better understand the modern world of Africa, the Middle East and Asia by focusing on the major developments of these areas: Imperialism, the Nationalist Movements, and the post-independence era. Historical 20th century writing, literature, films and video, as well as current events, are used to introduce students to these areas of the world. Honors students are required to complete additional assignments.

SS 759
SS 770 H

AMERICAN CULTURAL STUDIES

One Semester Course

American Cultural Studies is a one semester course examining the development of the American Cultural identity through the analysis of major events and movements in American history. Students read novels, memoirs, news accounts, and other primary source documents, as well as view the depiction of events in film and video, to gain an understanding of the modern American character. Themes to be studied include: the American Dream, the United States as a world power, the Civil Rights Movement, and the Vietnam War and its aftermath. Honors students are required to complete additional assignments.

SS 761
SS 781 H

ANCIENT GREEK HISTORY

One Semester Course (First semester only)

The course begins with a brief survey of ancient Mesopotamia, Egypt, and other Near Eastern civilizations, culminating in a field trip to the Oriental Institute Museum. Subsequent units focus on the proto-Greek civilizations of the Minoans and the Mycenaeans and their relationship to the Trojan War. Homer's Iliad is read for its historical and cultural perspectives on Greek history. The course continues with the rise of the Greek city-state, with an emphasis on the contrasting development of the Athenian empire in its wake. Special emphasis is given to the development of democracy and the cultural achievements of the Greeks in Athens under the leadership of Pericles. It then turns to the Peloponnesian wars and the disastrous results of the conflict between Athens and Sparta that ended with Athens' defeat and the death of Socrates. The course concludes with a study of the life and conquests of Alexander the great and a discussion of the political and cultural consequences these have on the Greek world. Students are encouraged to register for RS 762/782H History of Rome in the same academic year. Honors students will be required to complete additional assignments. Additional field trip fees required.

ADVANCED PLACEMENT SOCIAL STUDIES

SS 768 AP

ADVANCED PLACEMENT ECONOMICS: CONTEMPORARY MACROECONOMICS

Two Semester Course

Prerequisite: 3.0 in Social Studies, Mathematics and English and recommendation by the Social Studies Department Chair

This course covers the resources, goals, and the institutions of the American economic system. It focuses on the economic problem of scarcity and introduces the student to the tools used by economists: primarily models and the value of graphs. Also included in the course are the role of supply and demand in determining prices, the role of businesses, households and government in the economy. Important issues such as inflation and unemployment are introduced. Research projects are required along with a mastery of the concepts and materials presented in class and texts. All students must take the Advanced Placement Examination and may earn three hours of college credit upon successful completion of the AP exam.

SS 779 AP

ADVANCED PLACEMENT MODERN EUROPEAN HISTORY

Two Semester Course

Prerequisite: 3.0 in Social Studies and English and recommendation by the Social Studies Department Chair

Offered in the 2013-2014 and 2015-2016

This course is taught on a college level with the intention of acquiring college credit through the required Advanced Placement Examination. The emphasis throughout the course is on independent research, use of sources, and written expression. Students study the political, religious, social, and economic changes which characterize modern times, including the rise of the nation-state, rationalism, capitalism, nationalism, revolution, imperialism, socialism, and industrialization. The first semester covers the era from the Renaissance and Reformation to the French Revolution. The second semester continues from that point to contemporary times. Other areas of the world, such as Africa, Asia, and America will be seen only as they pertain to European affairs. All students must take the Advanced Placement Examination and may earn up to six hours of college credit upon successful completion of the exam.

SS 798 AP

ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS

Two Semester Course

Prerequisite: 3.0 in Social Studies and English and recommendation by the Social Studies Department Chair

The A.P. Comparative Government course examines in-depth the political systems of democratic, communist, and less developed countries through the study of Great Britain, Iran, Nigeria, the former Soviet Union/Russia, China, and Mexico. An introduction to the concepts of comparative politics and economics will be provided before studying the various countries. The following are examples of concepts that will be covered for each country in order to develop a proper basis for comparison: historical background, social cleavages, political culture, political framework, political participation, political leadership, and political change. Special attention will be paid to developing analytical and comparative skills as well as to improving writing ability. All students must take the Advanced Placement examination and may earn three hours of college credit upon successful completion of the exam.

TOTAL WELLNESS

TW 911

TOTAL WELLNESS 1

One Semester Course
Freshmen

This is a one-semester course required for all freshmen with an emphasis on fitness training and educating students on current health issues. The objective of the course is to educate students on how to train properly and to assess aerobic and anaerobic development throughout the semester. Also, there is a concentration on sportsmanship and teamwork within the environment of the class and pertinent information on various health matters which adolescents should learn and understand.

TW 921

TOTAL WELLNESS 2

One Semester Course
Sophomores, Juniors, Seniors

This is a one-semester course required for all students. It focuses on the well being of the students. The objective of the course is to further develop students' fitness levels through advanced training concepts and to give students an introduction to exercise physiology.

TW 923

LIFELONG FITNESS 1

One Semester Course
Prerequisite: Completion of Total Wellness 1 and 2

This is a one-semester elective course for upperclassmen. It is designed to challenge students to achieve optimal performance in all components of fitness. The climax of the training is an all-day adventure race toward the end of the semester. The class also gives students a more thorough background on the related sciences of physiology, anatomy, and physics. Additional field trip fees required.

TW 927

LIFELONG FITNESS 2

One Semester Course
Prerequisite: Completion of Lifelong Fitness 1

This course is offered to students who have taken Lifelong Fitness 1. Students are assigned different activities than those in which they participated in Lifelong Fitness 1. Additional field trip fees required.