



2025-2026 Curriculum Guide

# 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 this Curriculum Guide for course registrations for the 2025-2026 academic year.

Students should observe the following steps in the registration process:

- Review the course recommendations in Blackbaud, MyDay, Course Request tab
- Include second and third choices, where appropriate
- Optional: Complete the Google “Approval Form” if a student would like to request a course not recommended for them.

**ALL STUDENTS MUST SEE THEIR SCHOOL COUNSELOR TO VERIFY COURSE REQUESTS.**

**JUNIORS MUST ALSO SEE THEIR COLLEGE COUNSELOR.**

## REGISTRATION TIMELINE AND INSTRUCTIONS

The year-specific registration schedules are:

Class of 2026 - Assembly January 24 - registration due February 12

Class of 2027 - Assembly February 24 - registration due March 14

Class of 2028 - Assembly March 20 - registration due April 16

Once the student selects his/her courses from the course request list posted in Blackbaud, the student will verify all course requests with his/her School Counselor.

A student should consult this guide and the student’s course requests tab in Blackbaud when discussing registration for courses. Available course listings are based on a student’s prior academic performance or other curricular requirements.

Rising juniors and seniors requesting a course where college prep and honors levels meet in the same period should request the college prep level of the course at registration. In the fall, a student will have the option to move into an honors level course if he/she wishes. The courses that apply to this registration option are:

|                |           |                                 |
|----------------|-----------|---------------------------------|
| <b>English</b> | 173/193 H | English 4 - Senior Seminar      |
|                | 165/196 H | African American Literature     |
|                | 140/164 H | Analysis of Literature and Film |
|                | 148/178 H | Chicago Authors                 |
|                | 150/180 H | Creative Writing                |

|                            |           |                                    |
|----------------------------|-----------|------------------------------------|
| <b>English</b> (continued) | 156/186 H | Journalism                         |
|                            | 144/174 H | The Problem of Evil in Literature  |
|                            | 160/170 H | Voices of Women                    |
|                            | 145/155 H | Living Writers                     |
| <b>Science</b>             | 639/649 H | Introduction to Robotics           |
|                            | 642/672 H | Introduction to Engineering        |
|                            | 645/675 H | Earth Science                      |
|                            | 647/657 H | Environmental Science              |
|                            | 650/670 H | Anatomy and Physiology             |
|                            | 625/628 H | Advanced Topics in Aquatic Science |
|                            | 676/686 H | Astronomy                          |
| <b>Social Studies</b>      | 729/739 H | Introduction to Sociology          |
|                            | 730/740 H | Chicago History and Politics       |
|                            | 737/747 H | Introduction to Psychology         |
|                            | 753/763 H | Introduction to Economics          |
|                            | 738/748 H | Environmental History              |
|                            | 790/785 H | Ignatian Entrepreneurship          |

## IMPORTANT SCHEDULE INFORMATION

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 Prefect of Studies 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 Prefect of Studies. Every effort must be made on the part of the student to effect these changes online during the designated schedule adjustment days in July.

Carefully note the following for registration in 2025-2026:

Members of the Class of 2029 and Class of 2028 must take at least 6 courses per semester.

Members of the Class of 2027 and Class of 2026 must take at least 5 courses per semester.

A seventh course may be taken, with approval, in: Fine Arts, Total Wellness, Greek, or Computer Science.

Students and parents should avail themselves of the school 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.

Student schedules will be posted in Blackbaud in July.

## A NOTE TO PARENTS OF THE CLASS OF 2029

Course assignments for the freshman year are determined by the entrance exam score, its subscores, and any placement exam scores administered in the Spring of 2025. 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.

## DEPARTMENT CHAIR LOCATIONS

### **English**

Ms. Ayanna King

**English Office (347)**

### **Fine Arts**

Mr. Jason Steffen

**2nd Floor Music Center (262/265)**

### **Computer Science**

Mr. Matthew Haffner

**IHMC ICS**

### **Language**

Ms. Cheryl Grens

**Language Office (234)**

### **Mathematics**

Ms. Sheila Walsh

**Mathematics Office (247)**

### **Science**

Ms. Annie Hipple

**Science Office (361)**

### **Social Studies**

Mr. Matthew Flynn

**Social Studies Office (220)**

### **Theology**

Fr. Brian Taber, S.J.

**Theology Office (246)**

### **Total Wellness**

Dr. Sam Dixon

**Gym Office**



## 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

### Freshman Year 7/7.5 credits

|                 |    |
|-----------------|----|
| English         | 1  |
| Language        | 1  |
| Mathematics     | 1  |
| Theology        | 1  |
| Science         | 1  |
| Social Studies  | 1  |
| Intro Music/Art | .5 |
| Total Wellness  | .5 |

### Sophomore Year 6/6.5 credits

|                |    |
|----------------|----|
| English        | 1  |
| Language       | 1  |
| Mathematics    | 1  |
| Theology       | 1  |
| Science        | 1  |
| Social Studies | 1  |
| Total Wellness | .5 |

### Junior Year 5/6 credits

|             |      |
|-------------|------|
| English     | 1    |
| Language    | 1    |
| Mathematics | 1    |
| Theology    | 1    |
| Science     | 1    |
| Electives   | .5/1 |

### Senior Year 5/6.5 credits

|                |     |
|----------------|-----|
| English        | 1   |
| Theology       | 1   |
| Social Studies | 1   |
| Fine Arts      | .5  |
| Electives      | 1-2 |

## DIPLOMA REQUIREMENTS

### College Prep Diploma

24 credits

|                         |   |
|-------------------------|---|
| English                 | 4 |
| Language (one language) | 3 |
| Mathematics             | 3 |
| Theology                | 4 |
| Science                 | 3 |
| Social Studies          | 3 |
| Total Wellness          | 1 |
| Fine Arts               | 1 |
| Electives               | 2 |

### Honors College Prep Diploma

25.5 credits

|                         |     |
|-------------------------|-----|
| English                 | 4   |
| Language (one language) | 4   |
| Mathematics             | 4   |
| Theology                | 4   |
| Science                 | 3   |
| Social Studies          | 3   |
| Total Wellness          | 1   |
| Fine Arts               | 1   |
| Electives               | 1.5 |

### Additional Honors Diploma Criteria - All Years

Four of the 25.5 credits must be taken in junior/senior level honors courses. Students must earn at least a C in one or more AP courses. AP U.S. History taken in the sophomore year counts as an honors course. Within the Language, Math, and Science departments, students must take 4 years of two subjects and 3 of the other. A substitution of one credit within these departments may be made with the approval of the Assistant Prefect of Studies. Also, 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; 15 service hours as a sophomore. Failure to complete service hours will result in withholding of the 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 seniors will participate in the Senior Service Capstone Program for 3 weeks - January 5 - January 23, 2026. During this time, seniors will report to their assigned service sites. Seniors will be required to attend one of two required evenings of reflection. Preparatory meetings and Virtus training are required for all students. College visits are not allowed during this time. Students will develop a final project to share at the Third Ignatian Values Day.
- All students must complete one scheduled retreat each year.

## FOUR-YEAR COURSE PLANNING WORKSHEET

|                | Freshman | Sophomore | Junior | Senior |
|----------------|----------|-----------|--------|--------|
| English        |          |           |        |        |
| Social Studies |          |           |        |        |
| Language       |          |           |        |        |
| Mathematics    |          |           |        |        |
| Theology       |          |           |        |        |
| Science        |          |           |        |        |
| Fine Arts      |          |           |        |        |
| Technology     |          |           |        |        |
| Wellness       |          |           |        |        |

## GRADING POLICY

### COURSE ACHIEVEMENT GRADES

| <u>Percentages</u> | <u>Quality Points</u> |   |
|--------------------|-----------------------|---|
| 100-98             | A+ 4.33               | Student demonstrates comprehensive knowledge and understanding of the course content and skills. The student exemplifies academic excellence and is well prepared for the next level. |
| 97-93              | A 4.00                |   |
| 92-90              | A- 3.67               |   |
| 89-87              | B+ 3.33               | Student demonstrates a thorough knowledge and understanding of the course content and skills. The student is well prepared for the next level.  |
| 86-83              | B 3.00                |   |
| 82-80              | B- 2.67               |   |
| 79-77              | C+ 2.33               | Student demonstrates a satisfactory knowledge and understanding of the course content and skills. The student is prepared for the next level.   |
| 76-73              | C 2.00                |   |
| 72-70              | C- 1.67               |   |
| 69-67              | D+ 1.33               | Student demonstrates a limited knowledge and understanding of the course content and skills. There is a concern of being ready for the next level.                                    |
| 66-63              | D 1.00                |   |
| 62-60              | D- .67                |   |
| 59                 | F 0.00                | Student demonstrates a limited knowledge and understanding of the course content and skills. The student is not prepared for the next level.  |
| P                  |                       | Passing - used only in pass-fail courses and for the constitution test.   |
| I                  |                       | Incomplete - used only in extraordinary circumstances and requires pre-approval by the Assistant Prefect of Studies.  |
| WF                 |                       | Withdrew Failing - may be assigned if a course is dropped after a reasonable period of time as determined by the Assistant Prefect of Studies.  |

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. Student grades will be checked each Thursday morning to determine athletic and extracurricular eligibility. In order to help students communicate well and advocate for themselves, it is the policy of Saint Ignatius College Prep that all initial inquiries about these grades occur between students and teachers. If a parent or guardian still has questions after the initial inquiry by the student has taken place, the parent or guardian is welcome to contact the teacher(s).

A posted failing grade should be considered a WARNING of a possible failure at the semester. The school policy is that a student will not normally receive a failing grade for the semester unless the student and parent are warned. The one exception is a dramatic drop in academic performance at the end of a semester. The semester grade is the official transcript and credit grade.

A student who has not received a failing grade before the end of a semester may still fail a final exam or have a dramatic drop in performance during the final weeks of a course. Either or both situations may warrant a failing grade for the semester. In such cases, prior warning will not have been given. Assignment of a failing grade under these circumstances will only be rendered with the permission of the Assistant Prefect of Studies.

All grades will be available in Blackbaud and accessible by both parent and student accounts. Final semester grades will be posted on transcripts in Blackbaud.

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 Prefects' Office Administrators may monitor grades for consistency across the department and the school.

## 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. School 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 Prefect of Studies makes all decisions concerning a student's schedule and assignment of classes.

Once registration is complete, students and parents will receive an email listing all submitted course requests.

## Advanced Placement (AP) and Honors Course Entry Criteria

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

- Students must have a Department Chair recommendation, indicating that they possess the needed work ethic, study habits, and self-discipline to do the work that is required in a course taught at the college level.
- Grade levels are required by each department, as indicated below.
- Students are required to take the AP exam in May. If a student does not take the exam, he/she will lose the AP designation on the transcript and the AP course weight.

| <i>Department:</i>  | <i>Advanced Placement (AP) Criteria:</i>   |
|---|--|
| Computer Science (940, 942)   | a minimum GPA of 3.6 and recommendation of Department Chair  |
| Fine Arts (all)   | a recommendation of Fine Arts Instructor and Department Chair  |
| English (199)   | a minimum 3.67 GPA in English  |
| Language - Chinese (368)  | a minimum grade of A+ in Chinese 3 H (LG 365 H); recommendation of Department Chair  |
| Language - French (444)   | a minimum grade of A+ in French 3H LG 434 H or A in French 4H LG 441 H; 3.67 GPA in French and recommendation of Department Chair                              |
| Language - Latin (248)  | a minimum grade of A- in Latin 3 H LG 234 H or by recommendation of the instructor in Latin 3 LG 230; recommendation of Department Chair                       |
| Language - Spanish Lang (348)   | a minimum grade of B+ in Honors Spanish 3 (LG 334 H), Honors Spanish 4 (LG 344 H), or Spanish 2 Heritage Honors (LG 325 H); recommendation of Department Chair |
| Language - Spanish Lit (349)  | a minimum grade of B in AP Spanish Language (LG 348 AP)  |
| Math - Precalculus (547)  | a minimum grade of A+ in Honors Algebra 2 Trig (MA 536 H)  |
| Math - AB Calculus (549)  | a minimum grade of 2.67 in Honors Precalculus (MA 546 H)   |
| Math - BC Calculus (558)  | departmental recommendation based on spring Precalculus exam   |
| Math - Statistics (569)   | a minimum A- in 535 or B in 536 H or 545 or B- in 546 H  |
| Science - Biology (697) and Environmental (696)                         | a minimum 3.50 GPA in Science and Department Chair approval  |
| Science - Chemistry (698) and Physics 1 (699)                           | a minimum 3.50 GPA in Science and Math and Science Department Chair approval   |
| Science - Physics C (690)   | recommendation of Math and Science Department Chairs   |
| Social Studies - African American History (787)                         | a minimum 3.0 GPA in Social Studies and English. Recommendation by the Social Studies Department Chair.  |
| Social Studies - Modern Euro (779), Comparative (798), Psychology (786) | a minimum of 3.0 in English, and Social Studies and recommendation of the Department Chair   |
| Social Studies - US History (728)                                       | a minimum of 3.50 in English and World History and recommendation of the Department Chair  |
| Social Studies - Macro (768)  | a minimum of 3.0 in Math, English, and Social Studies and recommendation of the Department Chair   |

1. Students with less than the required grade level in the department-designated courses(s) may request an AP course through the registration course request process.

2. The student's counselor and/or the Assistant Prefect of Studies 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/she may take up to four Advanced Placement classes after consulting his/her guidance counselor, college counselor, and the Assistant Prefect of Studies.

Saint Ignatius College Prep offers a broad spectrum of honors courses. Placement in year long honors courses is made by the department in which the courses are offered. Students may request honors course designation in classes where college prep and honors courses meet during the same class period during the first few weeks of the fall semester.

### **Registration Course Requests**

If a student would like to register for a course that he/she has not been approved for, the student must submit a "Student Registration Course Request" form. All requests will be reviewed by the academic department chairs, student's school counselor, college counselor, and the Assistant Prefect of Studies. If the request is granted, the student will be emailed by his/her counselor with an approval email. All requests must be submitted during the designated registration period.

### **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/seven credits per semester in freshman/sophomore years and five/five and one half credits per semester in junior/senior years. After consultation with their school 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 Prefect of Studies.

### **Withdrawal from Courses**

Once the semester begins, students may not withdraw from a course unless, in the judgment of the Assistant Prefect of Studies, there are sufficient reasons to justify withdrawal. If a student, with the written permission of his/her parents, chooses to withdraw from a course after a reasonable period of time has passed, he/she is subject to a grade of WF that is computed as an F in determining a student's overall semester average.

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

Credit in language and mathematics may be earned by incoming freshmen who successfully demonstrate that they have met department standards on department placement exams which are administered each spring. Credit, with a grade of "PBE," is given for each exam that the student has demonstrated mastery. The Department Chair(s) and the Assistant Prefect of Studies make this determination. Even though students earn credit and are placed in advanced courses, they still must meet all graduation requirements by taking and passing the required number of 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 Prefect of Studies 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 courses offer 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 Prefect of Studies.

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 Prefect of Studies. Students are graded on a pass/fail basis during the first semester of this year-long course. During the second semester, students earn a letter grade. The grade and credit are entered on the student's transcript 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**

To be eligible to play and/or participate in all co-curricular athletic and student activity programs, students must not have any reported grade of F and must maintain a minimum GPA of 1.75. Grades will be checked each Thursday morning. These grades will determine eligibility beginning the following Monday through Sunday of the next calendar week. If a student raises his/her GPA to a 1.75 or above and does not receive any Fs in subsequent weeks, he/she will become eligible beginning the Monday after the subsequent report.

During the abbreviated weeks of school before a break, student grades will be checked on the last school day of the week. These grades will be the recorded course grades for a student, and affect his/her eligibility, until the regularly scheduled eligibility check during the next school attendance week.

At the conclusion of the semester, ineligible students become eligible.

During this period of ineligibility, at the coach's discretion, athletes may practice but not participate or dress for any contests; club moderators, in collaboration with the Director of Student Activities, will determine consequences for ineligibility for their group.

Please see the IHSA website at [www.ihsa.org](http://www.ihsa.org) for further information.

## **Failure Make-up Requirement**

Semester failures in all required courses 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 a Saint Ignatius College Prep 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 by the Assistant Prefect of Studies.

In a full-year foreign language, science, and math course, a student who fails the first semester of the school year may not be allowed to continue the course in the 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.

## Dismissal for Unacceptable Academic Performance

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

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

## Graduation

To participate in the Saint Ignatius College Prep graduation ceremony, a student must meet all five of these standards:

1. have earned at least 24/25.5 credits,
2. have passed all required courses over the course of his/her high school career,
3. have passed all required and elective courses during his/her senior year\*,
4. be in good standing with the Deans' Office, and
5. 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.

## iPads/Textbooks

All students are required to bring an iPad to school each day. The iPad must be an iPad 2 or newer (iPad mini is ok), Wi-Fi only. The iPad should be stored in a protective case and fully charged.

Textbooks will be available electronically as ebooks or ibooks. When noted on the booklist, students may choose an electronic or print format. A complete book list, with directions and ISBN numbers, will be provided.

Some electronic books or apps may be purchased by Saint Ignatius. If this is the case, students will be given login codes and billed for these materials.

A complete book list will be posted in the Resources tab in Blackbaud.

## 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 Prefect of Studies. 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; Algebra 1; Geometry; Algebra 2/Trigonometry; Precalculus (for students

who took Geometry during freshman year); Physics; Chemistry; Biology; World History; U.S. History; a third year of Social Studies; and Theology 1, 2, 3, 4. Prior permission from the Assistant Prefect of Studies must be granted for any credit to be accepted by Saint Ignatius. No more than 1.5 credits of summer school credit from schools other than Saint Ignatius 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 course name and the grade earned in summer school will appear on the transcript and will be included in the calculation of a student’s GPA.

### **Arrupe Virtual Learning Institute (AVLI)**

A variety of online courses are available through the Arrupe Virtual Learning Institute. Courses are taught by approved teachers with experience in high school. Students from other high schools around the country meet in “virtual classrooms” to complete course objectives. These courses can be taken for elective credit with the approval of the Assistant Prefect of Studies. Course grades are based on the Saint Ignatius grading scale and are included in a student’s GPA. An additional course and book fee are required.

### **Dual Enrollment**

Saint Ignatius has partnered with Loyola University to establish a dual enrollment program. Students enrolled in approved courses will be able to register for college credit through Loyola University. All approved courses have a notation listed in course descriptions. A complete list of dual enrollment courses can be found on page 71. Grades earned at Saint Ignatius are the grades that will be posted on a Loyola University transcript. College credit earned through the dual enrollment program has been accepted at over 100 colleges and universities. If an approved course is an Advanced Placement course, the student must take the AP exam as required by Saint Ignatius.

# ENGLISH

## FRESHMEN

### **ES 110 ENGLISH 1 - World Literature and Composition**

#### **Two Semester Course**

English 110 is a yearlong course designed to explore a variety of literary topics, genres, and ideas in world literature. In reading texts from various nations and cultures, students will gain an awareness and understanding of the richly diverse, yet sometimes troubled, unjust, and even devastated global community. Through these readings, students will develop their reading, writing, and oral language skills as they explore their place and role in this complex world. Students will make connections between the themes of the readings and the core Jesuit values of Saint Ignatius College Prep, demonstrating those critical thinking skills through projects, writing assignments, quizzes, and exams.

## SOPHOMORES

### **ES 120 ENGLISH 2 - American Literature and Composition**

#### **American Literature**

#### **Two Semester Course**

English 120 is a yearlong course designed to explore a variety of literary topics, genres, and ideas in American literature from the Puritan era to the Postmodern period. The course emphasizes connections between literature and history, paying specific attention to the influences of race, class, and gender on society. Throughout the year, emphasis will be placed on critical reading and close literary and rhetorical analysis of nonfiction, fiction, poetry, and drama. The course places a strong emphasis on formal, academic writing. Additionally, students will complete various assignments and projects to deepen their understanding and engagement with the material.

### **ES 121 ENGLISH 2 - American Literature and Composition**

#### **AMERICAN STUDIES**

#### **Two Semester Course**

This course is the American Literature component of the interdisciplinary American Studies program. The emphasis of the course is on active learning and creative explorations of the nation's past and present. Students will delve into topics such as the American Dream and Nightmare, utopian visions, who "Americans" are and where they live, the expansion of social justice in American society, and the role of the U.S. in the world in times of war and peace. American Studies is a co-taught, interdisciplinary course studying American literature and history in an integrated curriculum. The English and History classes are scheduled in consecutive periods, and at various points during the semester, the classes will combine to synthesize materials. Students enrolled in American Studies will earn one credit in English and one credit in Social Studies. Students must also register for United States History (SS 724).

## JUNIORS

Juniors with an English GPA of 3.67 or above may take Senior semester elective courses for honors credit in addition to English 3 (ES 130) with the permission of the English Department Chair, if space permits.

### **ES 130 ENGLISH 3 - British Literature and Composition**

Two Semester Course

English 130 is a yearlong course designed to explore the development of the English language by studying and analyzing literary works written by a diverse group of British authors, from the Anglo Saxons to contemporary times. Throughout the year, emphasis will be placed on critical reading and close textual analysis of works taken from the literary genres of prose, poetry and drama. The course will maintain a strong emphasis on writing, and during the second semester, students will be required to complete a major research paper. In addition, students will be expected to complete various oral and written assignments and projects, prepare daily homework, and prepare for quizzes and exams. All English 3 students are prepared for and encouraged to take the AP Language and Composition exam.

## SENIORS

### **ENGLISH DEPARTMENT ELECTIVES FOR SENIORS**

All Seniors will either take the year long AP English course (ES 199 AP) or English 4 - Senior Seminar (ES 173/193 H) and one of the electives listed below.

Students who wish to take the courses listed below for honors credit should register for the course number designated with an H during the first few weeks of the semester. Substantial extra work will be assigned in these courses as the basis for earning honors credit. Students seeking honors enrollment must have demonstrated success in previous English classes and possess a strong interest in the course selected.

### **ES 199 AP ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION**

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 are strongly encouraged to take the Advanced Placement English Language Examination in May of their junior year. Students must have a minimum cumulative English GPA of 3.67. All students are required to take the AP examination in May. Students may apply for college credit through dual enrollment with Loyola University.

### **ES 173 ENGLISH 4 - SENIOR SEMINAR**

ES 193 H One Semester Course

How does context inform our understanding of humanity? How have novelists, poets, dramatists, and journalists represented culture, ideology, and world views during a particular time and in a particular place? English 4: Senior Seminar is a capstone English course for senior students at Saint Ignatius College Prep. Framed using the Grad at Grad values, students will read works written by multicultural authors and consider how context informs and shapes one's lived experience. The course aims to strengthen students' written, oral, and creative communication skills and will culminate with an assessment designed to deepen students' understanding of Jesuit ideals and their own

engagement with the world. This is a one semester required course for all senior students not taking ES 199 AP Literature.

The following senior semester English elective courses are:

|                  |                                   |
|------------------|-----------------------------------|
| <b>165/196 H</b> | African American Literature       |
| <b>140/164 H</b> | Analysis of Literature and Film   |
| <b>148/178 H</b> | Chicago Authors                   |
| <b>150/180 H</b> | Creative Writing                  |
| <b>156/186 H</b> | Journalism                        |
| <b>145/155 H</b> | Living Writers                    |
| <b>144/174 H</b> | The Problem of Evil in Literature |
| <b>190 H</b>     | Shakespeare H                     |
| <b>160/170 H</b> | Voices of Women                   |

#### **ES 140 ANALYSIS OF LITERATURE AND FILM**

**ES 164 H** One Semester Course

Through careful analysis of selected literary works, writing about these works and viewing the films based on or inspired by these works, students in this semester course will study the relationship between the written and filmed interpretations. By exploring the differences, students will be challenged to understand the moral, philosophical, practical, and social implications of each version. All films shown in class will be approved by the administration. Some may be rated R according to the Motion Picture Association of America. Students will be provided a list of films at the start of the course. If a student is uncomfortable viewing any film, the student will be given an alternative assignment to complete.

*Please note that as of registration, this course does not count as an approved English course by the NCAA Clearinghouse. Students who wish to participate as collegiate athletes are advised not to enroll in this 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. By reading and discussing a variety of genres such as: scripture, drama, novel, and film from a variety of cultures and historical periods, students explore enduring social manifestations of evil as: violence within families, racial hatred, and oppression by the political state. Students shall see how authors from Euripides to Daniel Woodrell represent evil and grapple with its origins and outworkings. Throughout the course students shall also develop their ability to analyze literature and express their analyses in lucid, persuasive essays.

#### **ES 148 CHICAGO AUTHORS**

**ES 178 H** One Semester Course

This course examines the authors, themes, and characters of the “Chicago Tradition” in literature from the early 20th Century to the present. Texts include short stories, essays, poetry, and novels. Topics may include the attitudes of various authors towards Chicago, Chicago’s place in American culture, and Chicago itself as a character in fiction.

## **ES 145 LIVING WRITERS**

**ES 155 H** One Semester Course

In this course, students will read, analyze, and respond to the works of contemporary, primarily nonfiction, writers. Each semester the course instructor will identify authors who are available to present a guest lecture or make themselves available to be interviewed by the class. Students will first study each author's work(s), then prepare questions to ask the author, and finally reflect on the information shared by the author regarding good writing, the writing process, and/or the writing profession. Through this process, students will gain an understanding of how serious writing is achieved. This course is ideal for students interested in pursuing writing in college or as a profession.

## **ES 150 CREATIVE WRITING**

**ES 180 H** One Semester Course

Emphasis in this course is on creative writing both formal and informal. Students will concentrate on developing their imaginations and their voice through writing exercises, long and short, and the practiced revision of these pieces. The course focuses on creative nonfiction, short stories, drama, and poetry. The course encourages students to explore and identify their writing styles and practice writing pieces in all four genres.

## **ES 156 JOURNALISM—WRITING, EDITING, AND ANALYSIS OF STYLE**

**ES 186 H** One Semester Course

This course presents students with the opportunity to understand and put into practice the process of gathering information, finding sources, obtaining interviews, photographing, and working with information to provide readers with newsworthy information. Students will learn the criteria expected of hard news stories, features, Op-Ed, and sports writing and editing. Students will have hands-on experience with layout by working with the student newspaper, *Spirit*.

## **ES 160 VOICES OF WOMEN: STUDIES IN WOMEN'S LITERATURE**

**ES 170 H** One Semester Course

In this course students will explore the writings of women authors whose work, up until the 19th century, went largely unnoticed by the majority of readers. By studying a range of female authors from different time periods and cultures, students will identify the motivations, issues, and struggles women have faced, examining in particular the changing perspectives of women writers from the 19th century to present day. The course will include the study of poetry, drama, short stories, essays, novels, and literary criticism.

## **ES 165 AFRICAN AMERICAN LITERATURE**

**ES 196 H** One Semester Course

This course explores the broad context of the Black experience in America through the shared lens of African American literature and history. Students focus on aspects of the various traditions within African American literature and explore the roots of these works through the examination of African Americans' agency, struggles and perseverance. Additional field trip fees may be required. To supplement their studies in this area, students who enroll in African American Literature may consider enrolling in African American History AP-Enrollment in African American History AP is strongly encouraged, although not 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.

**ES 187**            **MAJOR AUTHOR SEMINAR SUMMER 2025**  
**ES 188 H**        One semester course - SUMMER ONLY  
 Juniors and Seniors with approval of English Department Chair

The Major Author Seminar is intended to give students the time and space necessary to take a deep-dive into the creative works of one specific author — Jane Austen. Through a survey of some of her most popular works, excerpts from several of her other texts including her adolescent writings, and intentional, critical viewing of multiple adaptations of these works (generally in film), this course seeks to convey how an author’s voice can shift over time in reaction to particular personal and historical contexts. The course will incorporate particular focus on secondary sources of literary criticism and the way in which these sources can supplement and expand a students own arguments. The course is designed around the following units: (1) *Introduction to Jane Austen and Adaptation*; (2) *Sense & Sensibility*; (3) *Mansfield Park* and; (4) Self-Selected Text – *Persuasion* or *Northanger Abbey*.

## FINE ARTS

### **FA 953 BEGINNING BAND**

Two Semester Course

Freshmen, Sophomores, Juniors, Seniors

This course is a beginning course in Band for those students with little or no training in music. It is designed for students who are interested in learning how to play a band instrument, such as the Flute, Oboe, Clarinet, Saxophone, Trumpet, F Horn, Trombone, Euphonium, or Tuba. Students will develop music theory skills, instrument technique, historical knowledge, music repertoire, and an understanding and appreciation of music through performance. Performances are given throughout the year. Attendance at rehearsals and performances during non-scheduled class time before and after school is required.

### **FA 955 WIND SYMPHONY**

Two Semester Course

Freshmen, Sophomores, Juniors, Seniors

This course is open to student musicians that play their wind instrument at an intermediate and higher level. This band includes: flute, oboe, bassoon, clarinet, bass clarinet, saxophone, trumpet, french horn, baritone/euphonium, & tuba. Wind Symphony is a large band ensemble that will perform a variety of new, as well as standard repertoire of an artistic and educational nature to develop their skills in music theory, instrument technique, historical knowledge and an understanding and appreciation of music through performance. Multiple performances are given throughout the year on evenings and weekends. Attendance at rehearsals and performances during non-scheduled class time after school is required.

### **FA 918 H WIND SYMPHONY H**

Two Semester Course

Juniors and Seniors

Prerequisite: Wind Symphony FA 955

This course is for student musicians that have taken Wind Symphony FA 955 and play their wind instrument at an advanced level. Students will advance music theory skills, technique, historical knowledge, music repertoire, and an understanding and appreciation for music through performance. Performances are given throughout the year. Students will perform in both the Wind Symphony large ensemble and an additional small ensemble. This could be the Jazz Band or a chamber ensemble (trio, quartet, quintet, etc.). Students will have additional opportunities to perform. Attendance at rehearsals and performances during non-scheduled class is required.

### **FA 959 PERCUSSION ENSEMBLE 1**

Two Semester Course

Freshmen, Sophomores, Juniors, Seniors

This course is an intermediate course in percussion for those students with beginning to intermediate training in music. The class is open to all students that are interested in learning how to play all of the percussion instruments and to perform in a percussion ensemble. Students will develop music theory skills, technique, historical knowledge, music repertoire, and an understanding and appreciation of music through performance. Performances are given throughout the year. Attendance at rehearsals and performances during non-scheduled class time before and after school is required.



**FA 943 H PERCUSSION ENSEMBLE 2 H**

Two Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Percussion 1 FA 959

This course is for student musicians that are at an advanced level in Percussion music, have taken Percussion 1 and can play all of the percussion instruments at a proficient level. Students will develop music theory skills, technique, historical knowledge, music repertoire, and an understanding and appreciation for music through performance. Performances are given throughout the year. Students will perform in both the percussion section in Wind Symphony, Jazz Band and as their own Percussion ensemble. Attendance at rehearsals and performances during non-scheduled class time before and after school is required.

**FA 929 CHOIR**

Two Semester Course

Freshman

Music appreciation through vocal performance is the primary objective of this ensemble. This choral group is open to freshman students. Choir introduces students to choral literature written in two (SA) and three part (SSA) 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 of music. No audition is required. Prior choir experience is not necessary, all are welcome. Performances are given throughout the year on weekends. Attendance at rehearsals and performances during non-scheduled class time before and after school is required.

**FA 930 CHORALE**

Two Semester Course

Freshman, Sophomores, Juniors, Seniors

This choral group is for proficient level choir students. Chorale choir students study choral literature written in three (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. No audition is required. Prior choir experience is not necessary, all are welcome. Performances are given throughout the year on weekends. Attendance at rehearsals and performances during non-scheduled class time before and after school is required. This class may be repeated each year.

**FA 920 H BELLA VOCE H**

Two Semester Course

Juniors and Seniors

Prerequisite: Chorale FA 930

Bella Voce (SATB) 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. The Honors Choir gives numerous performances throughout the year on evenings and weekends both at Saint Ignatius and in the community. Attendance at rehearsals and performances during non-scheduled class time before and after school is required.

**FA 957 SYMPHONY ORCHESTRA**

Two Semester Course

Freshmen, Sophomores, Juniors, Seniors

This class is open to student musicians who are at the intermediate level or higher. Orchestra includes viola, violin, cello, string bass, guitar, and piano. Students perform selections from a variety of musical styles, eras, and composers. Performances are given throughout the year on evenings and weekends. Attendance at rehearsals during non-scheduled class time before and after school is required.

## **FA 919 H CHAMBER ORCHESTRA H**

Two Semester Course

Juniors and Seniors

Prerequisite: Symphony Orchestra FA 957

The Chamber Orchestra is an advanced instrumental group open to strings, guitar and pianists. Students prepare/perform literature written for chamber orchestra and ensemble pieces. The chamber orchestra gives numerous performances throughout the year on evenings and weekends both at Saint Ignatius and in the community. Attendance at rehearsals and performances during non-scheduled class time before and after school is required.

## **FA 963 INTRODUCTION TO MUSIC**

One Semester Course

Freshmen and Sophomores

Students will develop music theory skills, historical knowledge, and an understanding and appreciation of music. Students will learn to play the guitar. Music theory will be applied through composition and guitar performances.

## **FA 935 HISTORY OF ROCK MUSIC**

One Semester Course

Sophomores, Juniors, Seniors

This course presents an overview of pop and rock music from the 1950's through the 1970'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, 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 958 H MUSIC THEORY H**

Two Semester Course

Juniors and Seniors

Prerequisite: Recommendation of the Instructor.

This is a year-long course intended for serious music students, especially those who plan to study music or music-related fields in college. 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 introduced. Students begin 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.

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

Two Semester Course

Juniors and Seniors

Prerequisite: Recommendation of the Instructor.

*Offered in 2025-2026 and 2027-2028*

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, and 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. 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 have a common beginning theory background. Students are required to schedule one period of aural skills lab each rotation. Students are required to take the AP Music Theory test. Summer work is required for this class.

## **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 include a section devoted to Shakespeare.

## **FA 983 ACTING 2**

One Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Acting 1 FA 981

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 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.

## **FA 987 INTRODUCTION TO ART**

One Semester Course

Freshmen and Sophomores

This 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 sculpture materials. Students are taught the formal elements of drawing; line, space, value, color, form/shape, texture, and composition as well as the formal elements of sculpture. This class seeks to build age level appropriate skills while building confidence in art making.

## **FA 960 DRAWING**

One Semester Course

Freshmen, Sophomores, Juniors, Seniors

Drawing challenges students to expand their knowledge and skill set in the art of drawing. Students will advance their skills in pencils, colored pencils, charcoal, oil pastels, and markers. Critical thinking skills shall be utilized to create work from one's mind and through observation. All students participate in the course's annual field trip to the Field Museum. Students will learn from historical and contemporary masters of the drawing genre and about the many diverse career pathways open to those interested in pursuing drawing as a profession. Students with an aptitude for drawing and those with no skill base but a desire to learn drawing are welcome.

## **FA 964 H ILLUSTRATION H**

One Semester Course

Juniors and Seniors

Prerequisite: Drawing FA 960 or Introduction to Art FA 987

Illustration is a visual arts course focusing on elements of 2D design and communication through visual images that correspond to written communication, and abstracted concepts and ideas. Assigned themes and projects include, but are not limited to; illustrations for a poem, a themed design for a creature from a piece of written folklore, a depiction of a saint, and a Zine centered around a challenge the student artist overcame. Classes will include one on one instruction from the teacher and cover a range of mediums such as alcohol based markers, linocut printmaking, collagraph printmaking, paper art, and tape transfer printmaking. PLEASE NOTE: as this is an advanced level course, students should already have a strong skill set in drawing and, if possible, painting/computer literacy. Drawing skills will not be taught in this course.

## **FA 982 ANIMATION 1**

One Semester Course

Sophomores, Juniors, Seniors

Students will explore introductory aspects of 2D Animation in this semester-long course. Students will learn elements of character design, storytelling, and the principles of animation. Students will learn about the varying careers in the animation industry, and the history of the genre. Students will create traditional animation by hand and digital animation on their iPads utilizing Apple Pencils. Students will learn how to animate in programs like Procreate, and through traditional multimedia materials. Digital art novices are welcome, basics are covered in every program used before starting major projects. At the end of the course all students will have a diverse animation portfolio to aid them in applying for scholarships and animation programming in a higher education setting.

## **FA 985 H      ANIMATION 2 H**

One Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Animation 1 FA 982

Students will utilize the skills learned in Animation I and build upon them while creating a personal animation style. Students will expand their skills in storytelling, pacing, pre-production design, and 2D animation. Students will learn about walk cycles, run cycles, and action based motion blurring. Students will embark on their first long term solo animation project which will be eligible for submission to short film and animation festivals, scholarship opportunities, and more. The course will end with a public screening of student work open to the entire Saint Ignatius community.

## **FA 971      FILMMAKING**

One Semester Course

Sophomores, Juniors, Seniors

Students will discover the art of storytelling through film in this semester-long filmmaking course. Students will explore the fundamentals of cinematography, editing, sound design, and the various phases of production, from pre-production planning to post-production polish. Hands-on projects and collaborative teamwork will help students translate their creative visions into compelling visual narratives. Additionally, students will gain experience using industry-standard software, including Adobe Premiere Pro for editing and other Adobe tools for creating titles and promotional materials. The course culminates in an exciting film festival, where students will premiere their original films to an audience, celebrating their hard work and artistic achievements. Perfect for aspiring filmmakers eager to bring their ideas to life on screen.

## **FA 939      GRAPHIC DESIGN**

One Semester Course

Sophomores, Juniors, Seniors

Graphic Design is the bridge between information and visual purpose; graphic designers research social, cultural, and commercial trends, analyze changing values, brainstorm ideas, and convert their findings into new messages, artifacts, and experiences. In this course, students will explore the many aspects of Graphic Design. Together, the class will learn the elements and principles of design, varying uses for graphic design, and the history of the artistic genre. Students will utilize the Adobe Creative Cloud to learn about typography and how to design posters, pamphlets, logos, and more. Digital novices are welcome. This course covers the basics of every program used before students embark on independent projects.

## **FA 916      PAINTING 1**

One Semester Course

Freshmen, Sophomores, Juniors, Seniors

Students explore and experience various techniques, media, and historical approaches to the art form. In this introductory course, we will learn about the rich history of painting, one of the world's oldest art forms found across cultures worldwide. Students will learn how to use acrylic and watercolor paints, utilize fundamental painting techniques on numerous surfaces and properly care for painting supplies. This course builds on learned fundamentals of color theory and teaches students a better understanding of color. This class covers painting from observation using still-life setups, live models, and from the imagination.

## **FA 962 H      PAINTING 2 H**

One Semester Course

Juniors and Seniors

Prerequisite: Painting 1 FA 916

Painting 2 Honors is a semester long visual arts course with Painting I as a prerequisite. In Painting II students expand their knowledge and skills in watercolor and acrylic. Students will also learn how to use Water Soluble Oil Paints. In this class, students will not only complete large-scale painting projects, but will keep a visual journal created with a field watercolor kit. Students will work together to define their individual painting styles through formative feedback. This class will include creating work from observation, photo references, and the imagination.

## **FA 964 H      PAINTING 3 H**

One Semester Course

Juniors and Seniors

Prerequisite: Painting 2 FA 962

Painting 3 is a course that allows students to embark on self-directed long-term projects that will not only take their skills to the next level but allow them to leave a gift for our school that will last beyond their tenure here as a student. With more time to dedicate to individual projects, students can embark on large-scale paintings that were not before a possibility. Students will further develop skills learned in Painting I and II in genre fields that challenge and inspire them.

## **FA 969          SCULPTURE 1**

One Semester Course

Sophomores, Juniors, Seniors

Sculpture 1 is a semester course that focuses on working in the third dimension. Students will create assemblage and reductive sculptures in the round by using materials such as wire, wood, stone, and plaster. Sculpture students learn the formal elements of sculpture as well as the techniques and processes involved in sculpture making. They are introduced to a variety of sculptors in a historical context.

## **FA 975 H      SCULPTURE 2 H**

One Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Sculpture 1 FA 969

This course will allow students to improve and refine skills introduced in Sculpture 1. Students will expand into new materials and learn new techniques. They will continue to build their sculpture/art portfolio. The course will focus on multi-step sculptural processes such as mold making, clay work, and soft sculpture design.

## **FA 970          FUNDAMENTALS OF PHOTOGRAPHY**

One Semester Course

Freshmen, Sophomores, Juniors, Seniors

Fundamentals of Photography is an introductory course on the basics of 35mm black and white photography including camera techniques, film exposure and development, and black and white printing. Emphasis is placed on the composition and design of the print and on the perceptual and conceptual content of the image, as an indicator of the student's personal experiences and reflections. With a focus on critical thinking and problem-solving skills, this course consists of shooting assignments outside the classroom in conjunction with lab time in the darkroom.

## **FA 972      DIGITAL PHOTOGRAPHY 1**

One Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Fundamentals of Photography FA 970

The capability of digital media to influence 21st century art making is explored in this course. With an understanding of the elements of photographic composition under their belts from Fundamentals of Photo, students are introduced to the power of Photoshop. Students 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 makes use of studio lighting, Adobe Photoshop editing workflow, and creative expression via image manipulation. Students must provide their own DSLR camera.

## **FA 974 H      DIGITAL PHOTOGRAPHY 2 H**

One Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Fundamentals of Photography FA 970, Digital Photography FA 972.

Recommendation of the Instructor.

The capability of digital media to influence 21st century art making is explored in this course. With an understanding of the elements of photographic composition under their belts from Fundamentals of Photo and from their experience in Digital Photography 1, students are introduced to the power of Photoshop. Students learn advanced utilization of a digital single-lens reflex (DSLR) camera and begin editing their work in a professional manner for digital and print media publishing. This class makes use of studio lighting, Adobe Photoshop editing workflow, and creative expression via image manipulation. Students must provide their own DSLR cameras.

## **FA 977 H      ADVANCED DARKROOM TECHNIQUES H**

One Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Introduction to Photography FA 970. Recommendation of the Instructor.

The Advanced Darkroom class provides students who have a working knowledge of darkroom printing to explore exciting alternative processes. Students 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 is placed on looking to master photographers of the past and present for inspiration in regards to street photography, portraiture and landscapes. Students learn how to dry mount their work in an archival manner. Students must provide their own SLR film cameras and photo printing paper.

## **FA 966 H      STUDIO ART PORTFOLIO**

One Semester Course

Juniors and Seniors

Prerequisite: Recommendation of the Instructor.

This course prepares students for the year long A.P Studio Art Course. Much of the work students create in this class is self directed. Students will create a thematic proposal for their work in class which they will present to their fellow artists. All work must center around a theme of the student's choice. Each student theme must be approved by the course instructor. Once a student gets their theme approved they are required to complete at least three large scale finished works of art within the chosen theme, utilizing different artistic mediums and techniques. Each piece of work needs an accompanying process board to be turned in after the project is completed, which will also be presented to the class. PLEASE NOTE: as this is an advanced level course, students should already have a strong skill set in drawing and, if possible, painting/computer literacy. Fundamental drawing, painting, and sculpture skills will not be taught in this course.



## **FA 989 AP    ADVANCED PLACEMENT STUDIO ART (2D or 3D)**

Two Semester Course

Juniors and Seniors

Prerequisite: Recommendation of the Instructor.

This is a full-year course developed for students who have demonstrated a strong interest and commitment to excel in the visual arts. These students will complete an AP 2-D or 3-D Art and Design portfolio with an emphasis on various mediums. Research, oral, and written critiques will be integral parts of this course.

As a part of this course, students will develop their own personal voice. Mastery of concepts, composition, execution, varied art mediums, mixed media, and themes, concepts, subject matter, and content are an expected outcome.

Students will understand that creating and developing art is a constant, ongoing activity that involves personal decision making. Students will understand that in order for their artwork to achieve quality in concept, composition, and execution, it includes much risk taking, experimenting, and research.

## **FA 924 AP    ADVANCED PLACEMENT ART HISTORY**

Two Semester Course

Juniors and Seniors

Prerequisite: Recommendation of the Instructor.

AP Art History is designed to be a college level survey course approved by the College Board. Students will learn artworks chronologically, beginning with Paleolithic painting/sculpture and ending with Post-Modernist contemporary artists. The course will spend the most time on Renaissance art to the 21st century. Students will explore global arts including Africa, the ancient North and South Americas, Asia, Near East, Oceania, and Islamic traditions. Throughout the year the students will be guided by essential questions put forth by the College Board; What is art and how is it made? Why and how does art change? How does one think about art? Students will learn art history through experiencing art, contextual and visual analysis, lectures, activities, discussions, writing, reading, and understanding art vocabulary. They will learn to develop skill in analyzing works of art including paintings, drawings, sculpture, architecture, ceramics, printmaking, and fibers. An emphasis will be put on learning works of art through context, styles, and meaning to determine century, culture, and artist. The class will culminate with students taking the AP Art History Exam in early May.

## **FA 979        BROADCAST PRODUCTION 1**

One semester Course

Sophomores, Juniors, Seniors

Students will go beyond the lens with the Broadcast Production course, which provides students with a working knowledge of digital broadcasting theory and practice. This course covers the topics of live broadcasting, podcasting, and commercial video production. Students will get hands-on experience using cameras, studio lighting, microphones, and live production equipment. The course focuses on sports and news broadcasting, and will also cover the basics of podcasting, documentary production, and media ethics. By getting hands-on experience with state-of-the-art tools, students will gain valuable experience that may be useful for future endeavors while simultaneously creating content for the Saint Ignace school community. Field trips and guest speakers will be a featured component of this course. Broadcast Production I has extracurricular requirements, meaning that students will be required to participate in broadcast and podcast productions that take place outside regular class time.



## **FA 973**

## **BROADCAST PRODUCTION 2**

One semester Course

Sophomores, Juniors, Seniors

Prerequisite: FA 979 Broadcast Production 1

Broadcast Production 2 course, which provides students with continued working knowledge of digital broadcasting theory and practice. This course covers the topics of live broadcasting, podcasting, and commercial video production at an intermediate level. Students will build on their previous knowledge from Broadcast Production 1, and will learn advanced techniques for lighting, framing, audio, and more. The course focuses on sports and news broadcasting, and will also cover podcasting, documentary production, and media ethics. By getting additional hands-on experience with state-of-the-art tools, students will gain additional experience that may be useful for future endeavors while simultaneously creating content for the Saint Ignatius school community. Field trips and guest speakers will be a featured component of this course. Broadcast Production 2 has extracurricular requirements, meaning that students will be required to participate in broadcast and podcast productions that take place outside regular class time.

## COMPUTER SCIENCE

### **CS 940 AP    ADVANCED PLACEMENT COMPUTER SCIENCE PRINCIPLES**

Two Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Minimum GPA of 3.6 and Recommendation of the Department Chair

This course introduces students to the broad spectrum of technology and computer science. Students will become competent in all areas of computing and how it is used in today's world. Specific areas of study include connected computing, analyzing problems, communications, collaborating, abstraction, programming in Python, algorithms, the internet and global impact of advancement in computer science. Students will create a portfolio of artifacts as a portion of the Advanced Placement Exam. This course serves as preparation for the Advanced Placement Computer Science Principles Exam.

### **CS 946        INDEPENDENT STUDY COMPUTER SCIENCE**

Two Semester Course

Prerequisite: Recommendation of the Department Chair.

In this elective course, students develop information and technology literacy skills, as well as research, writing, presentations, mentoring, lesson planning, and leadership skills through collaboration with the Computer Science department. Projects completed and languages used will be decided based on student interests and departmental needs. The first semester is graded on a pass/fail basis and the second semester is graded with a letter grade.

### **CS 986 AP    ADVANCED PLACEMENT COMPUTER SCIENCE A - JAVA**

Two Semester Course

Sophomores, Juniors, Seniors

Prerequisite: Minimum GPA of 3.6 and Recommendation of the Department Chair

This hands-on course is designed to teach students how to program in the Java language. Specific topics include designing classes, creating and using objects, object-oriented design, inheritance, data structures (arrays, lists), decisions and iterations. Projects will focus on designing algorithms, modular solutions and control structures utilizing a variety of variable types. This course serves as preparation for the Advanced Placement Computer Science A Exam in the Java language.

# LANGUAGE

## Illinois and Global Seals of Biliteracy

Saint Ignatius College Prep offers junior and senior students the opportunity to attain the [Illinois State Seal of Biliteracy](#) and the [Global Seal of Biliteracy](#). Language teachers will review all information with students.

The Illinois State Seal of Biliteracy and the Global Seal of Biliteracy are awarded to students to certify that they are biliterate in English and one or more world languages. A biliterate person must be able to read, write, speak, and understand another language in addition to English at the intermediate high or greater proficient level.

### The Illinois State Seal of Biliteracy

The Illinois State Seal of Biliteracy qualifications are determined by the American Council on the Teaching of Foreign Languages. Interested students will apply for this distinction. Students must meet both first and second language requirements in order to receive the Illinois State Seal of Biliteracy. According to state guidelines, students may not be recognized for this accomplishment until their senior year. The qualifications are:

| Level              | ACT composite | ACT English | SAT English | AP Language Exam |
|--------------------|---------------|-------------|-------------|------------------|
| Seal of Biliteracy | >21           | >18         | >480        | 4                |
| Commendation       | >21           | >18         | >480        | 3                |

### The Global Seal of Biliteracy

The Global Seal of Biliteracy credentials language learners for workplace-ready skills in two or more languages as demonstrated through externally validated testing. The Global Seal of Biliteracy is awarded at three levels: Functional Fluency, Working Fluency, and Professional Fluency levels.

All Global Seal of Biliteracy candidates must complete a free application form at [theglobalseal.com](http://theglobalseal.com). Students must meet both first and second language requirements in order to receive a Global Seal of Biliteracy. Qualifying test scores must be submitted within 12 months of the test date. The qualifications are:

| Level                | ACT composite | SAT English | AP Language Exam |
|----------------------|---------------|-------------|------------------|
| Functional Fluency   | >18           | >480        | 3                |
| Working Fluency      | >21           | >540        | 5                |
| Professional Fluency | >26           | >600        | none             |

The benefits of earning these distinctions may possibly include advanced college placement, possible college credit, scholarship opportunities, and career opportunities. The Seals are distinguishing notations on a student's resume.

Students earning a Illinois State Seal of Biliteracy receive a seal to attach to their diploma and a notation on their transcript. Students earning a Global Seal of Biliteracy will receive a certificate of accomplishment. Most students who qualify for the Illinois State Seal of Biliteracy qualify for the Global Seal of Biliteracy.

**LG 210****LATIN 1**

Two Semester Course

Freshmen and Sophomores

This course introduces the student to basic Latin forms, syntax, and vocabulary as well as to highlights of Roman culture, history and mythology. Students will learn to read basic Latin prose using the textbook *Suburani*, which offers both a compelling, sustained narrative in Latin about fictional (but historically based) characters, and a wide, inclusive look at Roman history, culture, and mythology. Students will in subsequent years read Latin literature from authors such as Catullus, Ovid, Martial, and Vergil. Students also take the National Latin Exam. Knowledge of Latin aids English vocabulary and sharpens critical reading skills. Latin is also useful for SAT and ACT preparation. This course gives students a firm basis to study other languages in college.

**LG 218 H****LATIN 1 H**

Two Semester Course

Freshmen and Sophomores

Prerequisite: Recommendation of the Department Chair and HSPT NCMP score.

Latin 1 Honors proceeds at an accelerated pace and introduces the student to basic Latin forms, syntax, and vocabulary as well as to the highlights of Roman culture, history and mythology. Students will learn to read basic Latin prose using the textbook *Suburani*, which offers both a compelling, sustained narrative in Latin about fictional (but historically based) characters, and a wide, inclusive look at Roman history, culture, and mythology. They will in subsequent years read Latin literature from Caesar, Cicero, Ovid, and Vergil. Students also take the National Latin Exam. Knowledge of Latin aids English vocabulary and sharpens critical reading skills. Latin is also useful for SAT and ACT preparation. This course prepares students for Latin 2 Honors LG 221 H.

**LG 212****LATIN 1**

Two Semester Course

Juniors and Seniors

Prerequisite: Recommendation of the Department Chair.

This is an introductory course in Latin designed for juniors and seniors who want to take Latin in addition to their modern language. Students who are preparing for the SAT and ACT will find the Latin vocabulary, grammar, and syntax study beneficial. Knowledge of Latin aids English vocabulary and sharpens critical reading skills. This course gives students a firm basis to study other languages in college.

**LG 220****LATIN 2**

Two Semester Course

Prerequisite: Latin 1 LG 210 or Latin 1 H LG 218 H. Recommendation of the Department Chair.

Latin 2 continues the linguistic and cultural objectives of Latin 1. The spine of the course is the textbook *Suburani* II, which equips students with the higher-order grammatical and vocabulary skills necessary to read proficiently and enjoy the authentic Latin of great authors such as Catullus, Ovid, Martial, and Vergil. From a cultural perspective, students will recreate in their imagination and critically evaluate the various worlds of Imperial Rome: Pompeii, Athens, Olympia, Delphi, Ephesus, Moesia (modern day Bulgaria). Students also take the National Latin Exam.

## **LG 221 H      LATIN 2 H**

Two Semester Course

Prerequisite: Latin 1 Honors LG 218 H, with a minimum grade of B, Latin 1 LG 210 with a minimum grade of A and recommendation of the instructor. Recommendation of the Department Chair.

Latin 2 Honors proceeds at an accelerated pace. This course continues the objectives of Latin 1 Honors with an emphasis on advanced Latin grammar and syntax. Students translate from Latin to English and vice-versa. Students will continue to read Latin prose using the textbook *Suburani*, which offers both a compelling, sustained narrative in Latin about fictional (but historically based) characters, and a wide, inclusive look at Roman history, culture, and mythology. In the second semester, students learn real Latin by reading excerpts from Caesar's *De Bello Gallico*. Students also take the National Latin Exam.

## **LG 231 H      GREEK 1 H**

Two Semester Course

Prerequisite: Latin 1 LG 210 with a minimum grade of A and recommendation of the instructor, or Latin 1 H LG 218 H with a minimum grade of A-. Recommendation of the Department Chair.

Greek 1 Honors 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 Honors.

## **LG 230      LATIN 3**

Two Semester Course

Prerequisite: Latin 2 LG 220, Latin 2 H LG 221 H.

Using the textbook *Suburani 3*, Latin 3 students read for the first time authentic Latin texts, excerpted from works like Vergil's *Aeneid*, Ovid's *Metamorphoses*, Catullus' poetry, the letters of Pliny and Cicero. These readings are organized in thematic chapters, such as Love, Human Nature, Justice, and Displacement. Students also take the National Latin Exam.

## **LG 234 H      LATIN 3 H**

Two Semester Course

Prerequisite: Latin 2 LG 220 by recommendation of the instructor, LG 221 Latin 2 H with a minimum grade of B+. Recommendation of the Department Chair.

This course builds on the work completed in Latin 1 Honors and Latin 2 Honors and continues the reading of continuous prose, with an emphasis on Cicero and Latin oratory in the first semester. In the second semester, students learn the mechanics of Latin poetry via Catullus and Ovid. Students continue to advance their understanding of Roman culture, history and mythology. Students also take the National Latin Exam. This course prepares students for success in either AP Latin 4 or Latin 4 Honors.

## **LG 236 H      GREEK 2 H**

Two Semester Course

Prerequisite: Greek 1 H LG 231 H with a minimum grade of B. Recommendation of the Department Chair.

Greek 2 Honors begins with a thorough review of basic Homeric grammar, syntax and vocabulary and begins the reading of continuous poetry from Homer's *Odyssey*. Students may take the National Greek Exam. This course must be taken with Latin 3 LG 234 H.

## **LG 244 H LATIN 4 H**

Two Semester Course

Prerequisite: Latin 3 LG 230 by recommendation of the instructor, Latin 3 H LG 234 H with a minimum grade of B. Recommendation of the Department Chair.

The primary objective of Latin 4 Honors is to read with understanding and increasing sophistication selections from two primary texts in Latin from the Age of Augustus, Vergil's *Aeneid* and the autobiographical *Achievements of Divine Augustus*. Students will engage in a year-long study of this important poem with the objectives of improving skills in translation and literary analysis, gaining an appreciation of Vergil's debt to Homer, and learning about the historical and ideological context of the Augustan Age. Students will also read supporting texts in translation and complete projects designed to highlight the achievements of Augustus and his masterful use of propaganda to promote the idea of the *Pax Romana*. Students also take the National Latin Exam. This course is intended primarily for students in Latin 3 Honors who choose not to take AP Latin for their final year.

## **LG 240 LATIN 4**

Two Semester Course

Prerequisite: Latin 3 LG 230, Latin 3 H LG 234 H. Recommendation of the Department Chair.

Latin 4 completes the four-year study of Latin. In Latin 4, students will finish the reading of *Suburani III* and read a selection of Latin authors, enhancing and finessing their capacity for close textual analysis and—equally important!—enjoyment. The course will also be supplemented by a frequent engagement with the visual arts of Ancient Rome, especially as they discourse with the world of poetry. Students will also explore Roman graffiti and epitaphs, which survive in hundreds of thousands of inscriptions. Students also take the National Latin Exam.

## **LG 248 AP ADVANCED PLACEMENT LATIN 4: VERGIL & PLINY**

Two Semester Course

Prerequisite: Latin 3 LG 230 by recommendation of the instructor, Latin 3 H LG 234 H with a minimum grade of A-. Recommendation of the Department Chair.

This course serves as the preparation for the College Board Advanced Placement examination in Vergil and Pliny. It also develops the student's mastery of advanced Latin grammar and syntax and offers a challenging college-level intellectual experience. Students expand their critical reading, writing and speaking skills. In addition, students engage in literary, cultural and historical analyses of Vergil and Pliny. Students take the National Latin Exam. Students may apply for college credit through dual enrollment with Loyola University.

## **LG 250 H GREEK 3 H**

Two Semester Course

Prerequisite: Greek 2 H LG 236 H with a minimum grade of B. Recommendation of the Department Chair.

Building on their knowledge of Homeric Greek, students in Greek 3 Honors begin learning Attic Greek. They read from major authors such as: Aesop, Herodotus, Xenophon, Thucydides, and Plato. Students explore the history of ancient Greece in the 5th and 4th centuries B.C. and the contributions of the Greeks to western culture. Students also take the National Greek Exam. This course must be taken with AP Latin 4 LG 248 AP.

## **LG 251 H LATIN LYRIC POETRY H**

Two Semester Course

Prerequisite: Latin 3 LG 234 H. Recommendation of the Department Chair.

The principal activity of this course is the reading of poetry from Catullus and Horace. This course is for students who have completed a fourth year of Latin and wish to continue their studies. Students take the National Latin Exam.

### **LG 310      SPANISH 1**

Two Semester Course

This introductory course allows the student to develop communicative competence in Spanish. Topics include: greetings, school life, family life, pastimes, basic Spanish grammar, the present tense, vocabulary, as well as cultural highlights of Spanish-speaking countries. The interactive classroom in the target language allows students to develop conversational skills in Spanish. No prior knowledge of Spanish is required.

### **LG 311 H      SPANISH 1 H**

Two Semester Course

Prerequisite: Determined by results on the Spanish placement test.

This introductory honors course allows the student to develop communicative competence in Spanish. Topics include: greetings, school life, family life, pastimes, basic Spanish grammar, the present tense, vocabulary, as well as cultural highlights of Spanish-speaking countries. The interactive classroom in the target language allows students to develop conversational skills in Spanish. Students of this course must have previous experience and will study the material in more depth and at an accelerated rate than that of Spanish 1.

### **LG 315 H      SPANISH 1 HERITAGE H**

Two Semester Course

Prerequisite: Determined by results on the Spanish placement test.

This honors introductory course is offered as an option to freshmen with a spoken command of the language. The course emphasizes the fundamentals of written Spanish and covers Spanish grammar and vocabulary. The course will build upon the rich linguistic and cultural knowledge of heritage Spanish speakers at an accelerated pace.

### **LG 320      SPANISH 2**

Two Semester Course

Prerequisite: Spanish 1 LG 310, or Spanish 1 H LG 311 H, or Spanish 1 Heritage H LG 315 H

This course builds upon the skills developed in Spanish 1 with an emphasis on narrating events in the present and past tenses. Topics include: daily routine, food, and celebrations. The interactive classroom experience in the target language allows the student to continue to develop communicative competence in Spanish.

### **LG 321 H      SPANISH 2 H**

Two Semester Course

Prerequisite: Spanish 1 LG 310 with a minimum grade of A+ or Spanish 1 H LG 311 H with a minimum grade of B+, or determined by results on the Spanish placement test. Recommendation of the Department Chair.

This honors course builds upon the skills developed in level 1 with an emphasis on expanding vocabulary and narrating events in the past. The interactive classroom experience in the target language allows the student to continue to develop written and communicative competence, conversational and presentational skills, and authentic pronunciation. Students will study the material in more depth and at an accelerated rate than that of the Spanish 2 course.

### **LG 325 H      SPANISH 2 HERITAGE H**

Two Semester Course

Prerequisite: Spanish 1 Heritage H LG 315 H with a minimum grade of B+. Recommendation of the Department Chair.

This honors course is a continuation of Spanish 1 Heritage Honors. Students study advanced grammar and vocabulary as well as readings and media from the Spanish-speaking world. The students will further develop their language proficiency in preparation for the AP Spanish language course.



### **LG 330 SPANISH 3**

Two Semester Course

Prerequisite: Spanish 2 LG 320, Spanish 2 H LG 321 H, or Spanish 2 Heritage H LG 325 H

This course provides continued enrichment of intermediate grammar and vocabulary. It places an emphasis on listening, writing and speaking in the target language, and expanding cultural understanding. Topics include: sports, entertainment, nature, health, and short films.

### **LG 334 H SPANISH 3 H**

Two Semester Course

Prerequisite: Spanish 2 H LG 321 H with a minimum grade of A-. Recommendation of the Department Chair.

This course provides various communicative activities that help students further develop their proficiency in Spanish and help prepare them for the AP Spanish language course. Students develop cultural awareness by studying the literature, music, and art created by Spanish-speaking authors and artists, current events, and social aspects of the countries that comprise Latin America. It is an advanced grammar course with an emphasis on composition and communication in the target language.

### **LG 340 SPANISH 4**

Two Semester Course

Prerequisite: Spanish 3 LG 330 with a minimum grade of C, or Spanish 3 H LG 334 H with a minimum grade of C. Recommendation of Department Chair.

This course provides the student with review of previously studied grammar topics. Spanish 4 focuses on ancient civilizations, social justice, art, film, and literature of the Spanish-speaking world.

### **LG 344 H SPANISH 4 H**

Two Semester Course

Prerequisite: Spanish 3 H LG 334 H with a minimum grade of B+, Spanish 2 Heritage H LG 325 H with a minimum grade of B+. Recommendation of Department Chair.

The Spanish 4 Honors course allows students to explore language, grammar, and culture in-depth. The curriculum emphasizes advanced communicative competencies to prepare students for Spanish 5 Honors or advanced studies at the university level. Topics include: the history and civilization of Latin America as seen in short stories, a movie, and historical texts, with an emphasis on narrating in the past; literature and art of Latin America and Spain; social justice issues through the study of short stories and a movie with an emphasis on the present subjunctive; music and dance from Latin America and Spain; and traditional food and celebrations in Latin America and Spain. This course is conducted entirely in Spanish.

### **LG 348 AP ADVANCED PLACEMENT SPANISH LANGUAGE AND CULTURE**

Two Semester Course

Prerequisite: Spanish 3 H LG 334 H with a minimum grade of B+, Spanish 4 H LG 344 H with a minimum grade of B+, or Spanish 2 Heritage H LG 325 H with a minimum grade of B. Recommendation of Department Chair.

This intensive, college-level language and culture course challenges students to develop advanced communicative and interpretative skills. Through the study of authentic texts, film, music, and other media students will expand their worldview and cultural understanding. Students will prepare to take the College Board AP Exam at the end of the second semester. This course is conducted entirely in the target language. Students may apply for college credit through dual enrollment with Loyola University.

## **LG 349 AP      ADVANCED PLACEMENT SPANISH LITERATURE AND CULTURE**

Two Semester Course

Prerequisite: Spanish 4 AP LG 348 AP with a minimum grade of B. Recommendation of Department Chair.

This is an Advanced Placement course and as such the content of the course has been set by the College Board. This course is equivalent to an introductory survey Spanish Literature course at the college level. The readings represent a sampling of both Latin American and Peninsular literature in Spanish, with an emphasis on analysis and composition in order to prepare the student for the AP Spanish Literature and Culture exam.

## **LG 350 H      SPANISH 5 H**

Two Semester Course

Prerequisite: Spanish 4 LG 340 with a minimum grade of A-, Spanish 4 H LG 344 H with a minimum grade of B, or Spanish Language AP LG 348 AP. Recommendation of the Department Chair.

Spanish 5 Honors is an advanced Spanish language and literature course with an emphasis on conversation, grammar, composition, and discussion of literature, culture, and film.

## **LG 361      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. No prior knowledge of the Chinese language is required.

## **LG 371 H      CHINESE 1 H**

Two Semester Course

Prerequisite: Determined by results on the Chinese placement test.

This course is an 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      CHINESE 2**

Two Semester Course

Prerequisite: Chinese 1 LG 361 or Chinese 1 H LG 371 H

This course builds on 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. Students also take a proficiency test: Test of Chinese as a Foreign Language: Band A.

## **LG 372 H      CHINESE 2 H**

Two Semester Course

Prerequisite: Chinese 1 LG 361 or Chinese 1 H LG 371 H with a minimum grade of A or determined by results on the Chinese Placement Test. 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. Students also take the proficiency test: Test of Chinese as a Foreign Language: Band A.

## **G 364 CHINESE 3**

Two Semester Course

Prerequisite: Chinese 2 LG 363 or Chinese 2 H LG 372 H

This course is a continuation of Chinese 2 focused on the further development of conversational, reading, and writing skills as well as increased awareness of Chinese culture. Students also take the proficiency test: Test of Chinese as a Foreign Language: Band A.

## **LG 365 H CHINESE 3 H**

Two Semester Course

Prerequisite: Chinese 2 LG 363 with a minimum grade of A+, or Chinese 2 H LG 372 H with minimum grade of A. Recommendation of the Department Chair.

This course is a continuation of Chinese 2, focused on the further development of conversational reading, and writing skills as well as increased awareness of Chinese culture. Students also take the proficiency test: Test of Chinese as a Foreign Language: Band A.

## **LG 366 CHINESE 4**

Two Semester Course

Prerequisite: Chinese 3 LG 363 with a minimum grade of C or Chinese 3 H LG 365 H with a minimum grade of C. Recommendation of the Department Chair.

This course provides deeper development, refinement, and understanding of the Chinese language and culture. It aims at consistent development of knowledge and proficiency of and about Chinese language and culture. Students focus on expanding the four communication skills by exploring a variety of contemporary and classic topics. Students also take the proficiency test: Test of Chinese as a Foreign Language: Band A or Band B.

## **LG 367 H CHINESE 4 H**

Two Semester Course

Prerequisite: Chinese 3 LG 364 with a minimum grade of A or Chinese 3 H LG 365 H with a minimum grade of A-. Recommendation of the Department Chair.

This course provides deeper development, refinement, and understanding of the Chinese language and culture. It aims at consistent development of knowledge and proficiency of and about Chinese language and culture. Students focus on expanding the four communication skills by exploring a variety of contemporary and classic topics. Students also take the proficiency test: Test of Chinese as a Foreign Language: Band A or Band B.

## **LG 368 AP ADVANCED PLACEMENT CHINESE LANGUAGE AND CULTURE**

Two Semester Course

Prerequisite: Chinese 3 H LG 365 H with a minimum grade of A+. Recommendation of the Department Chair.

This is an Advanced Placement course and as such the content of the course has been set by the College Board. The emphasis is on students' abilities to communicate interpersonally and to interpret and present in spoken and written forms. Chinese culture is intensely incorporated in the use of the language. The emphasis is also on the communicative skills to prepare the student for the AP Chinese Language and Culture exam. Students also take the proficiency test: Test of Chinese as a Foreign Language: Band A, Band B, or Band C. Students may apply for college credit through dual enrollment with Loyola University.

## **LG 410 FRENCH 1**

Two Semester Course

This introductory course allows the student to develop communicative competence in French. Topics include: greetings, school life, family life, pastimes, basic French grammar, the present tense, vocabulary, as well as cultural highlights of French-speaking countries. The interactive classroom in the target language allows students to develop conversational skills and authentic pronunciation in French. No prior knowledge of French is required.

## **LG 411 H FRENCH 1 H**

Two Semester Course

Prerequisite: Determined by results on the French placement test.

This introductory honors course allows the student to continue to develop communicative competence in French. Topics include: greetings, school life, family life, pastimes, basic French grammar, the present tense, vocabulary, as well as cultural highlights of French-speaking countries, authentic pronunciation, conversational and presentational skills. Students in this course must have previous experience and will study the material in more depth and at an accelerated rate than that of the French 1 course.

## **LG 420 FRENCH 2**

Two Semester Course

Prerequisite: French 1 LG 410 or French 1 H LG 411 H

This course builds upon the skills developed in French 1 with an emphasis on narrating events in the present and past tenses. Topics include: daily routine, food, and celebrations. The interactive classroom experience in the target language allows the student to continue to develop communicative competence in French.

## **LG 421 H FRENCH 2 H**

Two Semester Course

Prerequisite: French 1 LG 410 with a minimum grade of A or French 1 H LG 411 H with a minimum grade of A-. Recommendation of the Department Chair.

This honors course builds upon the skills developed in French 1 with an emphasis on expanding vocabulary and narrating events in the past. The interactive classroom experience in the target language allows the student to continue to develop written and communicative competence, conversational and presentational skills, and authentic pronunciation. Students will cover more grammatical topics, and study the material in more depth and at an accelerated rate than that of the French 2 course.

## **LG 430 FRENCH 3**

Two Semester Course

Prerequisite: French 2 LG 420 or French 2 H LG 421 H

This course further develops students' proficiency in the French language and culture through the study of authentic materials and expansion of communicative skills and grammatical understanding.

## **LG 434 H FRENCH 3 H**

Two Semester Course

Prerequisite: French 2 LG 420 with a minimum grade of A+ or French 2 H LG 421 H with a minimum grade of A-. Recommendation of the Department Chair.

This course builds on the four communicative competencies established in French 1 and 2. It continues enrichment of French grammar and vocabulary through the writing of short compositions and emphasis is placed on responding in French. This course is designed to prepare the students for Advanced Placement French 4.

**LG 440 FRENCH 4**

Two Semester Course

Prerequisite: French 3 LG 430 with a minimum grade of C or French 3 H LG 434 H with a minimum grade of C. Recommendation of the Department Chair.

French 4 broadens the student's understanding of grammatical constructions, culture and history of Francophone countries.

**LG 441 H FRENCH 4 H**

Two Semester Course

Prerequisite: French 3 H LG 434 H with a minimum grade of B+. Recommendation of the Department Chair.

This course provides deeper development, refinement, and understanding of the French language and culture. It aims at consistent development of knowledge and proficiency of and about French language and culture. Students focus on expanding the four communication skills by exploring a variety of contemporary and classic topics. This course is conducted entirely in French.

**LG 444 AP ADVANCED PLACEMENT FRENCH LANGUAGE**

Two Semester Course

Prerequisite: French 3H LG 434 H with a minimum grade of A+. French 4H LG 441 H with a minimum grade of A. Recommendation of the Department Chair.

This is an Advanced Placement course and as such the content of the course has been set by the College Board. This course is equivalent to a 300 level language course at the college level. The texts covered represent a sampling of the Francophone world including Quebec, Louisiana, and Francophone Africa, with an emphasis on cultural analysis and composition in order to prepare the student for the AP French Language and Culture exam. Students should have a GPA of 3.67 or higher in all French courses to enroll in this course. This course is conducted entirely in French. Students may apply for college credit through dual enrollment with Loyola University.

**LG 450 H FRENCH 5 H**

Two Semester Course

Prerequisite: French 4 AP LG 444 AP. 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, with an emphasis on writing, and discussion of literature, culture and film. 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 curriculum depends upon his or her freshman math placement and success in previous math courses taken at Saint Ignatius. 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

This standard course includes properties of real numbers, solving and graphing linear equations and inequalities, writing linear equations, exponents, polynomials and factoring, quadratic equations, and an introduction to radical equations. A graphing calculator is recommended for this course.

**MA 519 ALGEBRA LAB**  
Two Semester Course  
Freshmen

Prerequisite: Recommendation of the Math Department Chair.

This non graded course is designed to supplement the content covered in Algebra 1. Students are scheduled for this course based on entrance examination and course grades. Lab meets during 2 of the 6 scheduled meetings per WOLFPACK. Course instructor and school counselor determine if a student may move out of the course during the year.

**MA 520 ALGEBRA 2 /TRIGONOMETRY LAB**  
Two Semester Course  
Sophomores and Juniors

Prerequisite: Recommendation of the Math Department Chair.

This non graded course is designed to supplement the content covered in Algebra 2/Trig. Students are scheduled for this course based on previous course grades. Lab meets during 2 of the 6 scheduled meetings per WOLFPACK. Course instructor and school counselor determine if a student may move out of the course during the year.

**MA 525 GEOMETRY**  
**MA 526 H** Two Semester Course  
Freshmen and Sophomores

Prerequisite: Honors requires an A+ in Algebra 1 MA 515. Recommendation of the Math Department Chair.

This course includes a strong emphasis on two column proofs working with congruent triangles, parallel lines and related figures as well as lines in the plane and lines and planes in space. In addition the Pythagorean Theorem and an introduction to Trigonometry as well as the study of circles, area, surface area, and volume are included. A graphing calculator is required for this class.

**MA 527      GEOMETRY LAB**  
Two Semester Course  
Sophomores

Prerequisite: Recommendation of the Math Department Chair.

This non-graded course is designed to supplement the content covered in Geometry. Students are scheduled for this course based on previous course grades. Lab meets during 2 of the 6 scheduled meetings per WOLFPACK. Course instructor and school counselor determine if a student may move out of the course during the year.

**MA 538      ALGEBRA 2/TRIGONOMETRY SURVEY - SUMMER**  
Summer School  
Freshmen, Sophomores

Prerequisite: A in Geometry MA 525 or Geometry Honors MA 526 in Semester 1 and Recommendation of the Math Department Chair.

This course is designed to provide an opportunity for acceleration for those students who started their freshman year in Algebra 1 and want to take College Calculus, MA 550 or AB Calculus, MA 549. Students are required to complete asynchronous review modules on foundational Algebra 1 skills prior to beginning the in person survey course in order to solidify their spot over the summer. Completion of the Algebra 2 Survey course with an average of B places a student in College Prep PreCalculus, MA 545, in the subsequent school year. Completion of Algebra 2 Survey with a grade of A places a student in Honors PreCalculus MA 546 . Course credit (1.0) will appear on student transcripts as a pass grade (P), but will not be calculated in a student's GPA. Attendance at each session is important to ensure student success. Students will also be required to pay a fee for this class. A graphing calculator is required for this class.

**MA 535      ALGEBRA 2/TRIGONOMETRY**  
**MA 536 H** Two Semester Course

Freshmen, Sophomores, Juniors

Prerequisite: B+ in Geometry H MA 526 H or A+ in Geometry MA 525.

Recommendation of the Math Department Chair.

This course is a deeper study of linear functions, quadratic, polynomial, and radical functions. Course also includes exponential and logarithmic functions, rational functions, and trigonometric functions. MA 536 H also covers conic sections. A graphing calculator is required for this course.

**MA 542      TRIGONOMETRY**  
One Semester Course  
Juniors and Seniors

Prerequisite: Recommendation of the Math 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. A graphing calculator is required for this course.

## **MA 545      PRECALCULUS**

Two Semester Course

Juniors and Seniors

Prerequisite: C+ in Algebra 2 Trig MA 535. Recommendation of the Math 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 students 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. A graphing calculator is required for this course.

## **MA 546 H      PRECALCULUS H**

Two Semester Course

Freshmen, Sophomores, Juniors, Seniors

Prerequisite: B+ in Algebra 2 Trig H MA 536 H or an A+ in Algebra 2 Trig MA 535. Recommendation of the Math Department Chair.

The course is described under 545. This honors course is designed for non-seniors planning to take AP Calculus 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 and a significant amount of work with graphing calculators. A graphing calculator is required for this course.

## **MA 547 AP      ADVANCED PLACEMENT PRECALCULUS**

Two Semester Course

Sophomores, Juniors, Seniors

Prerequisite: A+ in Algebra 2 Trig H MA 536. Recommendation of the Math Department Chair.

This course is an advanced placement course that prepares students for other higher level mathematics and science courses. Students should have a thorough knowledge of algebra, geometry, and trigonometry. Precalculus topics covered include: polynomials, trigonometric, exponential, logarithmic, trig, and polar functions. It is reserved for those students who are capable of a college level mathematics course. All students are required to take the AP exam. A graphing calculator is required for this course.



## **MA 549 AP ADVANCED PLACEMENT AB CALCULUS**

Two Semester Course

Sophomores, Juniors, Seniors

Prerequisite: A- in Precalculus H MA 546 H or an A+ in Precalculus MA 545 and successful completion of the Calculus Readiness Test. Recommendation of the Math 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. 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. All students are required to take the AP exam. A graphing calculator is required for this course.

## **MA 550 CALCULUS**

Two Semester Course

Sophomores, Juniors, Seniors

Prerequisite: B in Precalculus MA 545 or a C- in Precalculus H MA 546 H. Recommendation of the Math Department Chair.

Students should have a thorough knowledge of algebra, axiomatic geometry, trigonometry, and analytic geometry. Calculus topics covered include: limits of all types of functions, differentiation of all types of functions, and integration of all types of functions. A graphing calculator is required for this course.

## **MA 552 PRECALCULUS SURVEY - SUMMER**

Summer School

Sophomores and Juniors

Prerequisite: A- in Algebra 2/Trigonometry MA 535 Semester 1 or B+ in Algebra 2/Trigonometry MA 536 H Semester 1. Recommendation of the Math Department Chair.

This course is designed to provide an opportunity for acceleration for those students who want to take College Calculus, MA 550 or AB Calculus, MA 549 earlier or during their senior year. Attendance at each session is important to ensure student success. Completion of the Precalculus Survey with an average of B places a student in Calculus, MA 550. Completion of the Precalculus Survey with an average of A places a student in AP Calculus AB, MA 549 AP. Course credit (1.0) will appear on student transcripts as a Pass grade (P) or an average of B or higher, but will not be calculated in a student's GPA. Students will be required to pay a fee for this class. A graphing calculator is required for this class.

## **MA 557 MULTIVARIABLE CALCULUS**

Two Semester Course

Juniors and Seniors

Prerequisite: A- in BC Calculus MA 558 AP. Recommendation of the Math Department Chair.

Multivariable calculus extends techniques and concepts learned in BC Calculus to three dimensions. Students will study vector operations, differentiation and integration in multiple variable and associated applications. This course is equivalent to a one-semester college multivariable calculus course. A graphing calculator is required for this course. This course is weighted as an Advanced Placement course (.67).

## **MA 558 AP    ADVANCED PLACEMENT BC CALCULUS**

Two Semester Course

Sophomores, Juniors, Seniors

Prerequisite: A in Precalculus H MA 546 H and exemplary performance of the Calculus Readiness Test or a B in AP Calculus AB MA 549 AP. Recommendation of the Math 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 AP Calculus AB 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 the AP exam. A graphing calculator is required for this class.

## **MA 561        FINITE MATHEMATICS**

One Semester Course

Juniors and Seniors

Prerequisite: Recommendation of the Math Department Chair.

Finite mathematics is a one semester course 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. A graphing calculator is required for this course.

## **MA 565        STATISTICS**

One Semester Course

Juniors and Seniors

Prerequisite Recommendation by the Math 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. A graphing calculator is required for this course.

## **MA 569 AP    ADVANCED PLACEMENT STATISTICS**

Two Semester Course

Juniors and Seniors

Prerequisite: A in Algebra 2 Trig MA 535, or a B in Algebra 2 Trig H MA 536 H, or a B in Precalculus MA 545, or a B- in Precalculus H MA 546 H. Recommendation by the Math Department Chair.

Advanced Placement Statistics is divided into four major themes: describing graphically and numerically; designing experiments and surveys; 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 math core curriculum course. A graphing calculator is required for this course.

**MA 599      CALCULUS 4 –DIFFERENTIAL EQUATIONS**

Two Semester Course

Juniors and Seniors

Prerequisite: B+ in Multivariable Calculus MA 902. Recommendation by the Math Department Chair.

This course covers the theory of differential equations and their applications. Students will learn how to solve first-order, higher-order, linear, and nonlinear differential equations. Students will learn analytical and numerical techniques for solving, the structure of solutions, existence and uniqueness of solutions, Laplace transforms, Fourier series methods and eigenvalues methods. This course 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.

# THEOLOGY

## FRESHMEN

### **TH 810 INTRODUCTION TO CATHOLICISM**

#### Two Semester Course

In the first year course, students will explore the foundations of Catholic theology, history, sacramentality, and morality. In doing so, students will gain a firm grasp of the intellectual component of the tradition of the school. After an introduction to the life and spirituality of St. Ignatius of Loyola, students will investigate the inter-relationship between knowledge, truth, and belief, with a careful treatment of the complementarity of faith and science. The course then moves on to a study of the nature of God, in which students will engage the meaning of the Apostles' Creed. Following a brief survey of the mission and history of the Catholic Church, students will study liturgy, prayer, and sacraments, followed by an introduction to principles of Catholic morality and to Catholic social teaching. Throughout the course, students will be challenged not only to understand theological concepts, but also to experience various elements of the Catholic tradition so that they grasp the relevance of faith for their own lives and for the world in which they live.

## SOPHOMORES

### **TH 820 INTRODUCTION TO SACRED SCRIPTURE**

#### Two Semester Course

In the second year course, students will critically, responsibly, and faithfully interpret the texts of the Bible in a way that informs and challenges how they live. Using the tradition of the Church, students will identify major themes, characters, and events of the Bible, appreciating its literary, historical, and theological nature. Additionally, students will articulate various ways in which the Bible has influenced Christian life (liturgy, theology, church tradition). This survey of both the Old and New Testaments will also challenge students both to draw ethical norms from scripture and to use them to evaluate their prayer life, personal experiences, and issues of social justice. Finally, the course will prompt students to investigate questions of ultimate meaning found in scripture in order to enrich their own faith experience.

## JUNIORS

### **TH 830 CATHOLIC ETHICS**

#### Two Semester Course

The third year course challenges students to examine the question: What is “the good life,” and how can I live it as a disciple of Jesus Christ? Students will think critically, evaluate arguments, and identify logical fallacies, using various modes of reasoning. Using the complementarity of faith and reason, students will analyze and evaluate various moral topics and ethical approaches. Students will also identify and employ the salient features of the moral decision-making process, inspired by the Catholic Tradition. The course will present various ethical approaches in order to understand the essential difference that God makes. Ultimately, students will construct moral arguments rooted in a Catholic sacramental worldview and a “seamless garment” approach to moral issues, both interpersonal and social.

## SENIORS

All Seniors will take World Religions TH 840 and one of the electives listed below. The electives offer students the opportunity to explore theological themes of the Catholic tradition through an interdisciplinary lens. In the spirit of “finding God in all things,” students will engage questions about God, truth, beauty, and justice and discover ways in which those questions permeate other disciplines.

### **TH 840 THEOLOGY 4 - WORLD RELIGIONS**

One Semester Course

As a Catholic school in the Jesuit tradition, Saint Ignatius College Prep seeks to educate and to inspire faith-filled students who will engage the world around them in all of its diversity. This senior year, one-semester, required course introduces students to Hinduism, Buddhism, Judaism and Islam by engaging representative texts from within each of these four traditions. The approach outlined by *Nostra Aetate* provides the framework for interreligious dialogue for this course. Students practice the art and skill of informed, respectful, and faithful dialogue with the hope that they will graduate with the tools necessary to respond justly to common prejudices and misunderstandings. Ultimately, students will develop respect and appreciation for various religious perspectives while deepening their understanding of the Catholic faith.

The following senior semester Theology elective courses are:

- |            |  |
|------------|--|
| <b>841</b> | Exploring Faith and Science                            |
| <b>842</b> | The Catholic Imagination                               |
| <b>843</b> | Restless Hearts: Journeying with the Spiritual Masters |
| <b>844</b> | Discipleship and Social Justice                        |

### **TH 841 EXPLORING FAITH AND SCIENCE**

One Semester Course

How should science and faith inform our experience of God, ourselves, and the world around us? In this course, students explore the interface between scientific reason and the Catholic tradition. Students investigate the ways in which science and faith complement one another in the human quest for knowledge, truth, and purpose. The course challenges students to examine medicine, bioethics, environmentalism, astronomy, and cosmology through the lens of faith. Throughout the course, students are encouraged to bridge the cultural divide that has created a false dichotomy between faith and science. Beyond the classroom, students are challenged both to see the world with wonder and to discover the truth that presents itself through the complementarity of science and the Catholic faith.

### **TH 842 THE CATHOLIC IMAGINATION**

One Semester Course

How can the written word, the production of a film, the brush-strokes of an artist, and the strumming of a guitar reveal insights about the transcendentals of truth, beauty, and goodness? In this course, students explore Catholic theological themes such as creation, sin, Incarnation, and redemption through various works of literature, film, art, music, and theater. Through their examination and celebration of the humanities, students develop a deeper appreciation of the beauty of God, the sacredness of creation, the intrinsic dignity of the human person, and the call each one receives to put faith into action.

**TH 843 RESTLESS HEARTS: JOURNEYING WITH THE SPIRITUAL MASTERS**

One Semester Course

How can we use the inspiration of great spiritual masters to cultivate our own spiritual lives? This course provides students the opportunity to explore spirituality by engaging texts of the great female and male sages of the Catholic tradition. This investigation offers students tools for discernment as they navigate their daily lives and their sense of vocation. Students will engage Ignatian spirituality, as well as other “schools” of Catholic spirituality, in an effort to nurture their own faith and sense of purpose.

**TH 844 DISCIPLESHIP AND SOCIAL JUSTICE**

One Semester Course

How can we live out Christ’s call to stand with “the least” in our response to systemic injustice in our world? This course challenges students to analyze contemporary issues of justice through the lens of Catholic social thought. Using Church documents, Vatican II, and the rich history of the saints and others who have fought for social change, students will learn how to apply the Catholic tradition to topics such as poverty, consumerism, immigration, racial justice, gender equality, war and peace, homelessness, globalization, and consistent ethic of life issues.

**TH 845 ON HOLY GROUND - SUMMER**

One semester course

Seniors

On Holy Ground: Catholic Spirituality and God’s Creation seeks to connect the traditional Catholic spiritual practices of prayer and contemplation with experiences of the beauty of God’s creation. Students will be prompted to consider the beauty of the natural world as reflections of God’s own beauty and goodness. The course will emphasize the experience of wonder and awe as an experiential gateway to Catholic spirituality and theology. Students will be prompted to critically examine the challenges of developing a rich spiritual life in a continually advancing consumerist and technologically centered society. Students will be introduced to an incarnational spirituality that seeks to find God’s presence in the natural order. The course will center on classical and contemporary works of Christian spirituality and theology. The course will culminate in a formative camping and hiking trip in which students will experience the country’s most beautiful and awe-inspiring landscapes.

This credit-earning Theology course and travel experience is open to rising Seniors and fulfills the senior one semester Theology elective requirement. It is a graded course that will be included in the student's transcript and calculated into the student's GPA. This course also counts as the student's senior retreat requirement.

The Summer 2025 course will aim to incorporate the theme of Desert Spirituality exemplified by early Christian figures such as Anthony of Egypt. The course will culminate with an 8 day hiking and camping trip to the American Southwest, including visits to Zion National Park, Bryce Canyon National Park, and the North Rim of Grand Canyon National Park.

## SCIENCE

Saint Ignatius College Prep requires three laboratory based science classes for graduation. All students must take physics, chemistry and biology. All Science courses are laboratory courses which meet eight to ten periods per eight day cycle depending on the level of the science course.

### SCIENCE DEPARTMENT CORE COURSES FOR FRESHMEN AND SOPHOMORES

Students are required to take a year of physics, chemistry, and biology to complete their graduation requirements.

#### **SC 630      PHYSICS**

Two Semester Course  
Freshmen

Physics is a lab-based introductory physics course. Students will learn basic lab procedures, how to measure accurately and precisely, and how to graph and interpret data. Students will use the scientific method for inquiry and experimentation in physics. The concepts of constant velocity and accelerated motion, Newton's laws of motion, energy, work, power, and momentum will be mastered by students through classroom learning and lab experimentation. Students are expected to demonstrate knowledge in this physics course through assessments and lab performance. This course meets for four, 50-minute periods and two, 105-minute periods during each WOLFPACK cycle.

#### **SC 640 H      PHYSICS H**

Two Semester Course  
Freshmen

Prerequisite: Recommendation of the Science Department Chair, based on HSPT scores and math placement exam score.

Physics is a lab-based introductory physics course. Students will learn basic lab procedures, how to measure accurately and precisely, and how to graph and interpret data. Students will use the scientific method for inquiry and experimentation in physics. The concepts of constant velocity and accelerated motion, Newton's laws of motion, energy, work, power, and momentum will be mastered by students through classroom learning and lab experimentation. Students are expected to demonstrate knowledge in this physics course through assessments and lab performance. This course meets for four, 50-minute periods and two, 105-minute periods during each WOLFPACK cycle.

#### **SC 641      CHEMISTRY**

Two Semester Course  
Sophomores

Prerequisite: Physics SC 630 or Physics H SC 640 H.

This course builds on and integrates the concepts introduced in physics. It is a lab-based introductory chemistry course. Students will learn lab safety, procedure, and experimentation in chemistry. The concepts covered in this course include: the characterization of matter, chemical and physical changes, atomic theory and structure, chemical bonding, the periodic table, nomenclature, moles, stoichiometry, properties of water, and solutions. This course meets for four, 50-minute periods and two, 105-minute periods during each WOLFPACK cycle.

## **SC 651 H      CHEMISTRY H**

Two Semester Course

Sophomores

Prerequisite: Physics SC 630 or Physics H SC 640 H. Recommendation of the Science Department Chair.

This course builds on and integrates the concepts introduced in physics. It is a lab-based introductory chemistry course. Students will learn lab safety, procedure, and experimentation in chemistry. The concepts covered in this course include: the characterization of matter, chemical and physical changes, atomic theory and structure, chemical bonding, the periodic table, nomenclature, moles, stoichiometry, properties of water, and solutions. This course meets for four, 50-minute periods and two, 105-minute periods during each WOLFPACK cycle.

## **SC 603      BIOLOGY**

Two Semester Course

Juniors

Prerequisite: Chemistry SC 641 or Chemistry H SC 651 H

This course will continue developing students' scientific skills with a comprehensive knowledge of the living world. The course will examine all levels of organization present in the natural world. Topics will include biological molecules, biological processes, and ecological interactions. This course will apply real-world scenarios to investigate the guiding principles of diversity, variation, structure, and function. Students will learn about the molecular basis of life, cell structure, and function, the movement of energy through living systems, the molecular basis of heredity via genetics, and evolution. This course meets for four, 50-minute periods and two, 105 minute periods during each WOLFPACK cycle.

## **SC 608 H      BIOLOGY H**

Two Semester Course

Juniors

Prerequisite: Chemistry SC 630 or Chemistry H SC 640 H. Recommendation of the Science Department Chair.

This course will continue developing students' scientific skills with a comprehensive knowledge of the living world. The course will examine all levels of organization present in the natural world. Topics will include biological molecules, biological processes, and ecological interactions. This course will apply real-world scenarios to investigate the guiding principles of diversity, variation, structure, and function. Students will learn about the molecular basis of life, cell structure, and function, the movement of energy through living systems, the molecular basis of heredity via genetics, and evolution. Students will be tasked to think critically about challenges, solutions, and ethics of human decisions in the world. This course meets for four, 50-minute periods and two, 105 minute periods during each WOLFPACK cycle.



## SCIENCE DEPARTMENT ELECTIVE COURSES

Students who have successfully completed the Physics, Chemistry, and Biology courses may choose from the following semester course pairings or any of the year-long courses as long as the student meets the requirements for enrollment.

### Honors Electives Enrollment

Any student may choose to enroll in a science course for honors credit, as noted by an H. Enrollment in honors sections is done during the first few weeks in the semester. Taking a science course for honors credit includes extra work, projects, and assessments as outlined by the teacher in his/her course guidelines. The choice to enroll in an honors course should be carefully discerned by the student with guidance from his/her science teachers and guidance and college counselor(s). The Science Department recommends that students have a science GPA of 3.00 or higher to enroll in an honors science course.

### Advanced Placement Electives Enrollment

Students who have completed the required prerequisites may enroll in an Advanced Placement course.

|   |  |  |
|---|--|--|
| <b>Physics Courses</b>                      | Introduction to Robotics<br>SC 639/SC 649 H  | Introduction to Engineering<br>SC 642/SC 672 H |
| <b>Biology Courses</b>                      | Earth Science<br>SC 645/SC 675 H   | Environmental Science<br>SC 647/SC 657 H       |
| <b>Year Long Courses</b>                    | Anatomy & Physiology<br>SC 650/SC 670 H<br>Advanced Topics in Aquatic Science<br>SC 625/ SC 628 H<br>Astronomy<br>SC 676/ SC 686 H |  |
| <b>Advanced Placement Year Long Courses</b> | SC 699 AP Physics 1<br>SC 690 AP Physics C<br>SC 696 AP Environmental Science<br>SC 697 AP Biology<br>SC 698 AP Chemistry          |  |

**SC 625 ADVANCED TOPICS IN AQUATIC SCIENCE**

**SC 628 H** Two Semester Course  
Seniors

Advanced Topics in Aquatic Science is a course designed to enhance a student's understanding of the world that exists below the surface of the amazing and interconnected bodies of water that dominate Earth's surface. This interdisciplinary course will blend together the physics, chemistry, and biology of marine and freshwater systems. Topics will include: marine ecology, freshwater ecology, oceanography, the physics of swimming and diving animals, plant and animal taxonomy, and environmental sustainability. This course is a highly collaborative hands-on course in which students explore the underwater world with a variety of laboratory investigations and occasional field trips. Honors students will be required to complete additional coursework.

**SC 639 INTRODUCTION TO ROBOTICS**

**SC 649 H** One Semester Course  
Seniors

This course is designed for students who may have an interest in engineering or computer science. This hands-on, highly collaborative course will focus on building and programming a robot using LEGO Spike Prim to complete a wide range of challenges. Students will use a mix of block coding and python to program their robots to complete assigned tasks. Throughout these tasks, students will be introduced to engineering concepts including: basic design and constraints, troubleshooting, prototyping, optimization, gears and drive trains, computer logic, sensors, and feedback loops. Laboratory classes will focus on robot construction and computer programming. However, students should note that this course will require additional time outside of the lab periods to build fully functioning robots in addition to regular homework assignments. Students will be required to document and present their work after each module. Honors students will be required to complete additional assignments. Additional course fees required. This course must be taken with SC 642/SC 672 H Introduction to Engineering.

**SC 642 INTRODUCTION TO ENGINEERING**

**SC 672 H** One Semester Course  
Seniors

This course is an introduction to several types of engineering: mechanical engineering, electrical engineering, computer engineering, and civil engineering. Students will have opportunities to perform experiments and complete projects from each of the engineering disciplines introduced. Students will learn the engineering design process and apply it to their experiments and projects. Honors students will be required to complete additional projects and assignments. This course meets for four 50-minute class periods and two 105-minute lab periods in a WOLFPACK cycle. This course must be taken with SC 639/SC 649 H Introduction to Robotics.

**SC 645 EARTH SCIENCE**

**SC 675 H** One Semester Course  
Seniors

This course will study the earth through a combination of some or all of the following themes: Geology, Oceanography, Meteorology. The course will be broad-based and cover some of the following topics: Dynamic Earth—plate tectonics, earthquakes and volcanoes; Composition of the Earth—earth chemistry, minerals of the Earth's crust and rock; History of the Earth—the rock record, Earth's past and history of the continents; Oceans—ocean water and movements of the ocean; Atmospheric Forces—the atmosphere, water in the atmosphere, weather and climate. Honors students will be required to complete additional assignments. This course must be taken with SC 647/SC 657 H Environmental Science.

**SC 647 ENVIRONMENTAL SCIENCE**

**SC 657 H** One Semester Course  
Seniors

Environmental science is an interdisciplinary study combining ideas and information from the natural sciences (biology, chemistry, and geology) with social sciences (economics, government and policy, and ethics) to present a general framework for the interconnectedness among and within earth's ecosystems. Particular emphasis will be devoted towards current topics in the environment and sustainable options for our world. Honors students will be required to complete additional assignments. This course must be taken with SC 645/SC 675 H Earth Science.

**SC 650 HUMAN ANATOMY & PHYSIOLOGY**

**SC 670 H** Two Semester Course  
Seniors

This course is an in-depth study of the structure and function of the human body. The course highlights the chemical, cellular, and tissue levels of organization and the anatomy and physiology of the human body systems. In the laboratory, students will examine anatomical models and preserved specimens and conduct animal dissections as well as computer-simulated experiments. This course will take full advantage of iPad anatomy and physiology applications. Honors students will be required to complete additional assignments.

**SC 676 ASTRONOMY**

**SC 686 H** Two semester Course  
Seniors

This course provides a comprehensive survey of the history of astronomy, the structure and nature of planetary systems, and the life cycles of stars, galaxies, and the Universe. Students will explore fundamental questions about the cosmos, such as why the Earth experiences seasons, why the Moon goes through phases, and why ancient civilizations believed the Earth was stationary. The course delves into the reasons behind the diverse types of planets in our Solar System, the mechanisms that power stars, and the processes by which stars evolve and die. Topics also include the nature of black holes, the evidence for the expanding Universe, and the mysteries of dark matter and dark energy. Laboratory activities feature direct observations of the Sun and Moon, along with other daytime astronomical phenomena. Indoor exercises include analyzing stellar spectra, exploring the celestial sphere, and interpreting astronomical images. By the end of the course, students will have a solid foundation in astronomical concepts and an understanding of active areas of research, equipping them to engage meaningfully in discussions about the Universe and its wonders.

## ADVANCED PLACEMENT SCIENCE/INDEPENDENT RESEARCH IN SCIENCE

### **SC 689 INDEPENDENT RESEARCH**

Two Semester Course - graded P/F

Seniors

Prerequisite: Approval of research proposal by Science Department Chair.

The Independent Research course is a full-year elective open to students who have completed the required Physics, Chemistry, and Biology courses. 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 science department chair. Students earn a pass/fail grade for their work.

### **SC 690 AP ADVANCED PLACEMENT PHYSICS C**

Two Semester Course

Seniors

Prerequisite: Science GPA 3.5 and have taken or are concurrently enrolled in AB Calculus MA 549 or BC Calculus MA 558, and approval of the science department chair.

The Advanced Placement Physics C course is equivalent to a first-year college course in calculus-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy and power; and mechanical waves and sound. This course serves as preparation for the College Board Advanced Placement Exam. This course meets for two, 50-minute periods and four, 105-minute periods during each WOLFPACK cycle. Additional online homework fees required.

### **SC 696 AP ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE**

Two Semester Course

Seniors

The Advanced Placement Environmental Science course offers a curriculum equivalent to a college-level Foundations of Environmental Science Course. This course will use project-based learning to introduce concepts that form the basis of environmental science, including elemental cycling, energy flow/transformation, the interconnectivity among and within ecosystems, and anthropogenic impacts that affect or disrupt ecosystem dynamics. Upon completion of the course, students will be able to identify environmental problems, evaluate the relative risks associated with these problems, and scrutinize alternative solutions for resolving and/or preventing them. Related environmental policy, management and social perception will also be examined. This course meets for two 50-minute periods and four 105-minute periods during each WOLFPACK cycle. This course serves as preparation for the College Board Advanced Placement Exam. Students should have a GPA of 3.50 or higher in all previous science courses and recommendation of the science department chair to enroll.

## **SC 697 AP    ADVANCED PLACEMENT BIOLOGY**

Two Semester Course

Students who have completed Biology SC 603 or Biology H SC 608 H must have a GPA of 3.50 or higher in all previous science courses and the recommendation of the Science Department Chair to enroll. Students who have completed Chemistry H, SC 651 H or Chemistry SC 641 with a GPA of 4.0 or higher in all previous science courses may enroll with the recommendation of the Science Department Chair.

Advanced Placement Biology is 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 introductory Biology course. Special emphasis will be placed on the following areas: cellular molecular biology, organismal biology, and ecological, evolutionary and developmental biology. This course meets for two 50-minute periods and four 105-minute periods during each WOLFPACK cycle. This course serves as preparation for the College Board Advanced Placement Exam.

## **SC 698 AP    ADVANCED PLACEMENT CHEMISTRY**

Two Semester Course

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 meets for two 50-minute periods and four 105-minute periods during each WOLFPACK cycle. Additional online homework fees required. This course serves as preparation for the College Board Advanced Placement Exam. Students should have a GPA of 3.50 or higher in all previous math and science courses and recommendation of the science department chair to enroll.

## **SC 699 AP    ADVANCED PLACEMENT PHYSICS 1**

Two Semester Course

Seniors

The Advanced Placement Physics 1 course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy and power; and mechanical waves and sound. It will also introduce electric circuits. This redesigned course reflects changes directed by the College Board including an emphasis on inquiry-based lab activities and an adjustment to the course timeline which gives students the time needed to explore and deepen their understanding of Newtonian mechanics. This course serves as preparation for the College Board Advanced Placement Exam. This course meets for two 50-minute periods and four 105-minute periods during each WOLFPACK cycle. Additional online homework fees required. Students should have a GPA of 3.50 or higher in all previous Math and Science courses and recommendation of the Science Department Chair to enroll.

## SOCIAL STUDIES

### FRESHMEN

#### **SS 715      WORLD HISTORY**

Two Semester Course

The World History curriculum takes an approach to analyzing the growth of civilization based on regional development and cultural interaction across the centuries. The first semester focuses on the development of Western Civilization to the Age of Exploration with additional topics in African, Asian, Middle Eastern, and pre-Columbian American history. During the second semester students study the interaction of world cultures from the beginning of the sixteenth century to present day including the convergence of societies around the globe during the Age of Imperialism through the independence movements after World War II. Upon completion of World History, students will have acquired the academic skills of identifying important content in primary and secondary source readings, note-taking, presenting critical analyses as a result of individual and group projects, analyzing data from maps, graphs, and charts, and writing cogent essays. Students who demonstrate aptitude in such historical skills, and meet the GPA requirements, will be eligible to enroll in the Advanced Placement US History course in their sophomore year.

#### **SS 716 H      WORLD HISTORY H**

Two Semester Course

Prerequisite: Placement by Social Studies Department Chair based on placement exam scores.

This rigorous course focuses on the development of historical thinking skills such as analyzing and interpretation of evidence, comparison, contextualization, synthesis, causation, argumentation, and patterns of continuity and change over time. In comparison to the SS715, students are expected to possess proficiency in foundational historical skills upon enrollment. Students are expected to engage in self-guided reading, writing, and study. Topics will cover human civilizations around the globe from prehistory to the modern period, with an emphasis placed on patterns of connectivity and diffusion across societies. First semester covers the development of civilizations around the world up to the year 1800, while the second semester emphasizes the rapid social, political, and technological changes which have marked the last two centuries of human history. Students who complete this course will possess the ability to engage critically with primary and secondary source material, construct and support original historical arguments in speech and writing, and present critical analysis as a result of individual and group projects. Based on their performance and GPA in Honors World History, students can qualify for AP US History in their sophomore year.

### SOPHOMORES

#### **SS 724      U.S. HISTORY - AMERICAN STUDIES**

Two Semester Course

Prerequisite: World History SS 715 or World History H SS 716 H

This course is the U.S. History component of the American Studies course. The emphasis of the course is on active learning and creative explorations of the nation's past and present. Students will delve into themes such as: the American Dream and Nightmare, utopian visions, who "Americans" are and where they live, the expansion of social justice in American society, and the role of the U.S. in the world in times of war and peace. 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.

## **SS 725 U.S. HISTORY**

Two Semester Course

Prerequisite: World History SS 715 or World History H SS 716 H

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: 3.5 in World History SS 715 or World History H SS 716 H and English 1 ES 110.

Recommendation of the Social Studies Department Chair.

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 AP 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. They are required to complete summer reading and writing assignments. All students must 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 FOR JUNIORS AND SENIORS

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 (SS 753/763 H) and a one-semester elective (.5 credit) or a full-year Advanced Placement course in junior or senior year. AP Psychology does not fulfill the Economics graduation requirement.

### Honors Electives Enrollment

Any student may choose to enroll in a social studies course elective for honors credit, as noted by an H. Enrollment in honors sections is done during the first few weeks in the semester. Taking a social studies course for honors credit includes extra work, projects, and assessments as outlined by the teacher in his/her course guidelines. The choice to enroll in an honors course should be carefully discerned by the student with guidance from his/her teachers and school counselor. The Social Studies Department recommends honors courses for students who have a 3.00 or higher average in all previous social studies courses.

The following elective Social Studies courses are offered every year:

|                        |  |
|------------------------|--|
| <b>SS 729/SS 739 H</b> | Introduction to Sociology                              |
| <b>SS 730/SS 740 H</b> | Chicago History and Politics                           |
| <b>SS 737/SS 747 H</b> | Introduction to Psychology                             |
| <b>SS 753/SS 763 H</b> | Introduction to Economics                              |
| <b>SS 738/SS 748 H</b> | Environmental History                                  |
| <b>SS 790/SS 785 H</b> | Ignatian Entrepreneurship                              |
| <b>SS 765 H</b>        | Exploring Social Studies: Summer Field Adventures      |
| <b>SS 768 AP</b>       | Advanced Placement Macroeconomics                      |
| <b>SS 779 AP</b>       | Advanced Placement Modern European History             |
| <b>SS 786 AP</b>       | Advanced Placement Psychology                          |
| <b>SS 787 AP</b>       | Advanced Placement African American Studies            |
| <b>SS 798 AP</b>       | Advanced Placement Comparative Government and Politics |

|                 |  |
|-----------------|--|
| <b>SS 729</b>   | <b>INTRODUCTION TO SOCIOLOGY</b>           |
| <b>SS 739 H</b> | One Semester Course<br>Juniors and Seniors |

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 will challenge students to critically examine the world around them. 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 our society. As part of the requirement of this course, students will engage directly with the community and complete a semester-long service project. Honors students are required to complete additional assignments.



## **SS 730 CHICAGO HISTORY AND POLITICS**

**SS 740 H** One Semester Course  
Juniors and Seniors

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.

## **SS 737 INTRODUCTION TO PSYCHOLOGY**

**SS 747 H** One Semester Course  
Juniors and Seniors

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 the "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 738 ENVIRONMENTAL HISTORY**

**SS 748 H** One Semester Course  
Juniors and Seniors

Environmental history explores human interaction with the natural world. The principal goal of this Environmental History course is to deepen our understanding of how humans have been affected by the natural environment in the past, and also how they have affected that environment and with what results. To study the relationships between humans and the surrounding world today, we must try to understand how the interaction between the two has both varied and changed over time. Thus, this course will explore the push and pull of culture and nature over the centuries. Utilizing a global approach, the course will examine this interaction among diverse cultures (geographically and temporally), even to how they defined "nature" and the "environment" differently. Building through a series of inquiry questions and project-based learning, the course will engage students to apply lessons from the past to current events and debates surrounding climate change, conservation, environmental justice, energy and the economy. While the course will have an informal interdisciplinary connection to environmental science, its focus will be on deploying the Social Studies fields of history, anthropology, sociology and economics. Honors students are required to complete additional assignments.

## **SS 753 INTRODUCTION TO ECONOMICS**

**SS 763 H** One Semester Course  
Juniors and Seniors

The 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.

## **SS 790 IGNATIAN ENTREPRENEURSHIP**

**SS 785 H** Two Semester Course  
Juniors and Seniors

This class offers students an authentic entrepreneurship experience. Throughout the program, students ideate, develop, and iterate their own product or service startup in an attempt to gain investment funds in a final shark-tank style pitch event. Real entrepreneurs and business experts serve as volunteer coaches and mentors guiding student teams through the processes of developing hypotheses about a business concept, testing those hypotheses, adapting, and continually learning and improving. This cycle of experimentation is combined with foundational business content such as marketing and finance. The businesses students build are real - they are not business cases or simulated experiences - which means students experience mistakes, take risks, and learn to pivot based on market needs. Aligned with the National Consortium of Entrepreneurship standards, the Common Core Standards for Speaking and Listening, and the 21st Century Learning and Innovation Skills standards. The program provides a unique and powerful entrepreneurship experience. Honors students will complete additional assignments.

## **SS 765 H EXPLORING SOCIAL STUDIES: SUMMER**

Summer Course  
One semester  
Juniors and Seniors

Each year, the Saint Ignatius Social Studies Department will sponsor an immersive and focused summer course that will allow students to deeply explore a period of history, a component of human development and geography, and/or issues related to political, economic, and social developments. The four-week course will utilize interdisciplinary methods to introduce students to a critical analysis of key topics. Students will become experts as the class works through the essential course questions, culminating in a one-week travel-based exploration of domestic and international locations central to the studies. At the conclusion of the course, students will craft a capstone project that will allow them to demonstrate their mastery and expertise. Successful completion of the course will provide students with one semester of Social Studies Honors credit toward school graduation requirements.

## ADVANCED PLACEMENT SOCIAL STUDIES FOR JUNIORS AND SENIORS

All students must take the Advanced Placement Exam and may earn three to six hours of college credit upon successful completion of the AP exam.

### **SS 768 AP ADVANCED PLACEMENT MACROECONOMICS**

Two Semester Course

Prerequisite: 3.0 GPA in Social Studies, Math, and English. Recommendation by the Social Studies Department Chair.

Today nations around the world face many economic challenges. The United States is no exception. This course will provide students with a better understanding of the economic problems that trouble our world and in particular the United States. Students will be introduced to the tools and models used by economists to analyze these issues. The course will also explain why businesses, households and the government play such an important role in either stabilizing or destabilizing the economy. In addition, students will explore the interconnectedness of the American economy with the rest of the world. Since not all economists think alike on all issues, opposing viewpoints among economists will also be investigated. Research projects are required along with a mastery of the concepts and theories that align with an introductory college Macroeconomics course. 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 GPA in Social Studies and English. Recommendation by the Social Studies Department Chair.

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 three hours of college credit upon successful completion of the AP exam.

### **SS 786 AP ADVANCED PLACEMENT PSYCHOLOGY**

Two Semester Course

Prerequisite: 3.0 GPA in Social Studies and English. Recommendation by the Social Studies Department Chair.

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings. In this college level course, students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. These subfields include biological, behavioral, cognitive, developmental, social/cultural, psychodynamic, and abnormal areas of study. Students will also learn about the ethics and methods psychologists use in their science and practice. Supplementary readings will accompany the main textbook. All students must take the Advanced Placement examination and may earn three hours of college credit upon successful completion of the AP exam.

## **SS 787 AP      ADVANCED PLACEMENT AFRICAN AMERICAN STUDIES**

Two Semester Course

Prerequisite: 3.0 GPA in Social Studies and English. Recommendation by the Social Studies Department Chair. Enrollment in African American Literature is strongly encouraged.

Students will examine African American themes, and movements in order to understand the significance of the African American experience and why it is integral to understanding the world, its people, and ourselves. Students will study four thematic units that are each organized chronologically. The breadth of study allows students to investigate subjects encompassing the kingdoms of West Africa to present day accomplishments and challenges of African Americans. Through an in-depth analysis of primary source documents, students will connect the larger implications of said history on individual lives and how this history has impacted culture, intellectual movements, and identity over time. Students will learn methods of comprehension and analysis of events and primary documents, and critical literary theory in order to problem solve, conduct sound research, and participate in dialectical discussions to gain insight as to why the African American experience is essential to understanding who America is today. Enrollment in African American Literature is strongly encouraged, although not required. All students must take the Advanced Placement examination and may earn three hours of college credit upon successful completion of the AP exam. This course does NOT fulfill the Economics graduation requirement.

## **SS 798 AP      ADVANCED PLACEMENT COMPARATIVE GOVERNMENT AND POLITICS**

Two Semester Course

Prerequisite: 3.0 GPA in Social Studies and English. Recommendation by the Social Studies Department Chair.

The AP 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 AP exam.

## WELLNESS

### **TW 911      TOTAL WELLNESS 1**

One Semester Course

Freshmen

This one semester course is a requirement 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 in a weight room and to assess aerobic and anaerobic development throughout the semester. 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. Students will be involved in aerobic and anaerobic training, weight room activities, team/individual games, with eight weeks devoted to health including four written assignments. Exemptions are not allowed for Total Wellness 1.

### **TW 921      TOTAL WELLNESS 2**

One Semester Course

Prerequisite: Total Wellness 1, TW 911

Sophomores, Juniors, Seniors

Total Wellness 2 focuses on the well being of the student. 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. Students will be responsible to prepare four papers, a weight room practical and a CPR test throughout the semester. This course is graded on a pass/fail basis. This course fulfills the Total Wellness graduation requirement.

If a student has participated in two complete seasons of an IHSA sanctioned sport in his/her sophomore, junior, or senior (fall semester) years, the student may be granted an exemption from Total Wellness 2, TW 921 by contacting his/her counselor.

### **TW 912      WEIGHTLIFTING**

One Semester Course

Prerequisite: Total Wellness 1 TW 911

Sophomores, Juniors, Seniors

Introduction to weightlifting can help a student strengthen, sculpt, and tone muscles, helping to prevent injury with all activities. This elective will provide foundational skills with classes to assist a student in his/her fitness journey. Teachers help navigate how to use equipment, modify selection of weights, and help improve form with workouts. Students will be stronger on completion of this elective and will be encouraged to maintain fitness and strength at appropriate levels for each student's stage of development. This course fulfills the Total Wellness graduation requirement.

### **TW 997 H      WEIGHTLIFTING H**

One Semester Course

Prerequisite: Weightlifting TW 912

Sophomores, Juniors, Seniors

This course is a strength and conditioning class designed for students wanting to continue to build upon strength exercises specifically guided by the Total Wellness instructors. Fundamental techniques will be taught and reinforced while maintaining safety. Logs are used to chart, evaluate, and monitor progress throughout the year. An organized training program will be followed for each individual student and progress will be documented. A clear focus for reasonable goals will be maintained, especially with awareness of the impact of weightlifting on developing teenagers. This course fulfills the Total Wellness graduation requirement.

## **TW 992 LEADERSHIP IN ATHLETICS**

One Semester Course

Prerequisite: Total Wellness 1 TW 911

Sophomores, Juniors, Seniors

This course will provide opportunities to prepare for a future leadership position in the sports industry or summer camps. Students will develop communication and leadership skills within activity and classroom units. Students will learn how to lead warm-ups, teach skill activities, officiate, and organize tournaments. Leaders will learn to encourage and motivate, focusing on enjoyment in being active, while teaching fundamentals of physical activities. This course fulfills the Total Wellness graduation requirement.

## **TW 993 CYCLE FITNESS**

One Semester Course

Prerequisite: Total Wellness 1 TW 911

Sophomores, Juniors, Seniors

Cycle fitness is a short, intense, and low-impact cardiovascular workout. The instructors, music, and experience will help motivate a student to meet his/her fitness goals. Cycle classes provide an excellent and efficient total body workout starting with a warm-up followed by a release of endorphins with climbs and sprints working on the glutes, calves, quads, hamstrings, and core while improving overall cardiovascular function. This course fulfills the Total Wellness graduation requirement.

## **TW 994 MIND AND BODY**

One Semester Course

Prerequisite: Total Wellness 1 TW 911

Sophomores, Juniors, Seniors

This course is built on the foundation and concepts of total wellness and is designed to address the overall physical, social and emotional well-being of all participants. The course will be centered on yoga classes, focusing on increasing core strength, flexibility, stability, and coordination. This course will encourage students to build inner strength as well as physical strength. This course fulfills the Total Wellness graduation requirement.

## **TW 995 TRX/BOXING**

One Semester Course

Prerequisite: Total Wellness 1 TW 911

Sophomores, Juniors, Seniors

This course will teach students how to strength-train using their own body weight while building stamina and learning strategies for self defense. Students interested in intense workouts will enjoy this elective. This course fulfills the Total Wellness graduation requirement.

## **TW 996 RACQUET SPORTS**

One Semester Course

Prerequisite: Total Wellness 1 TW 911

Sophomores, Juniors, Seniors

Students will enjoy learning the game of pickleball and mastering racket skills for both pickleball and ping pong. Students will participate in recreational and tournament matches with their peers, gaining an opportunity to socialize and have fun while being active. This course fulfills the Total Wellness graduation requirement.

## **Total Wellness 2**

All students enrolled in Total Wellness 2, TW 921 will earn a Pass or Fail for their course work.

A student who has participated in two full seasons of an IHSA or IHSA emerging sanctioned sport in his/her sophomore, junior, or senior (fall semester) years may apply for an exemption from Total Wellness 2 (TW 921) by discussing this option with his/her School Counselor. If a waiver for Total Wellness 2 is granted, a student will earn a P (pass) for this .5 credit.

In order to be considered for this exemption the sport must:

- Have a regular schedule of interscholastic athletic competitions
- Practice or compete (in season) for a minimum of four to six days a week
- Involve health and skill-related fitness.

If the student athlete does not complete a full athletic season for any reason (absence, health, or injury) the student will not be allowed to count the season towards an exemption. If the student athlete does not fulfill these criteria by December of his/her senior year, Total Wellness 2 will be added to the student's course schedule for the second semester.

Any exceptions on special requests must be approved by the Assistant Prefect of Studies.

## Dual Enrollment Courses

The following have been approved as dual enrollment courses through Loyola University for the 2025-2026 school year.

AP English Literature

AP Chinese

AP French Language

AP Latin

AP Spanish Language