



# THE PREP

St. Joseph's  
Preparatory School

**PROGRAM OF STUDIES  
2019 – 2020**

**ST. JOSEPH'S PREPARATORY SCHOOL  
PROGRAM OF STUDIES  
2019-2020**

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## GRADUATION REQUIREMENTS

In order to graduate from St. Joseph's Preparatory School, a student must earn a minimum of 26 academic credits as outlined below, satisfy the State of Pennsylvania requirement for physical education and fulfill community service requirements through our Ignatian Service Program.

Religious Studies	4 credits
English	4 credits
Mathematics/Computer Science <sup>(1)</sup>	4 credits
History (including one year of Government)	3 credits
Science <sup>(4)</sup>	3 credits
Classics and Modern Languages <sup>(2)</sup>	5 credits
Fine Arts <sup>(3)</sup>	1 credit
Electives	2½ credits

<sup>(1)</sup> The mathematics/computer science requirement may be fulfilled by the successful completion of four credits, with a minimum of three credits being earned in mathematics courses.

<sup>(2)</sup> The language requirement must be fulfilled by the successful completion of a combined total of five credits earned studying Classics and one modern language (French, German, Spanish or Mandarin Chinese). A minimum of two credits must be earned in both Classics and the same modern language. An additional single credit of language (Classics or the same modern language) must be completed for a total of five credits.

<sup>(3)</sup>For the Class 2020, the Fine Arts requirement will be based on the successful completion of **one semester offering** in art or music. **Starting for the Class of 2021, (Academic Year 2019-2020), the fine arts requirement may be fulfilled by the successful completion of one year long course or two semester courses in art or music.**

<sup>(4)</sup>Biology and Chemistry must be taken to fulfill part of the science requirement.

## COURSE LOAD

Freshmen and sophomores are required to enroll in seven courses; juniors and seniors are required a minimum of six courses per semester. Students with a minimum grade point average of 3.0 may elect to enroll in seven courses during their junior and/or senior year. Many seniors, however, prefer to enroll in six courses so that they may have more time to meet with college representatives, prepare college applications and research schools. **Every senior must carry at least six courses each semester.**

### FRESHMAN YEAR (OPTION A - Classics Only)

Latin I/Honors Latin I*	1 credit	Required
English I/Honors English I*	1 credit	Required
Media Literacy	½ credit	Required
Visual Language/Studio Foundations	½ credit	Required
World History/ AP Human Geography*	1 credit	Required
Algebra I/Honors Algebra*/Honors Geometry	1 credit	Required
Physical Science/Biology*	1 credit	Required
Religious Studies	1 credit	Required
Physical Education	20 hours	Required

\*Placement based on Scholarship-Entrance Test and/or Qualifying Exams.

### FRESHMAN YEAR (OPTION B - Classics and Modern Language)

Latin I/Honors Latin I	1 credit	Required
English I/Honors English I*	1 credit	Required
Modern Language I/II*	1 credit	Required
World History/ AP Human Geography*	1 credit	Required
Algebra I/Honors Algebra*/Honors Geometry*	1 credit	Required
Physical Science/Biology*	1 credit	Required
Religious Studies	1 credit	Required
Physical Education	20 hours	Required

\*Placement based on Scholarship-Entrance Test and/or Qualifying Exams.

**Please Note:** Freshmen may take Biology at the Prep during the summer after their freshman year. Students electing to take the summer Biology course are required to have their application reviewed by the Science Department Chair. Please refer to the course description in the Science Department section of this Program of Studies.

## SOPHOMORE YEAR

Sophomores must carry 7 majors during their Sophomore Year.

Latin II/Hon. Latin II* or Hon. Latin II/Greek I*	1 credit	Required
English II/Honors English II*	1 credit	Required
United States History/AP US History*	1 credit	Required
Modern Language I/II/III*	1 credit	Required
Geometry/Hon. Geometry* or Hon. Pre-Calculus*	1 credit	Required
Religious Studies	1 credit	Required
Biology or Chemistry*	1 credit	Required
Physical Education	20 hours	Required

\*Students must meet prerequisites (see course descriptions).

**Please Note:** Sophomores may take Chemistry, Government or Latin III at the Prep during the summer after their sophomore year and select an elective in their junior year as their 6th or 7th course. It is not recommended for a student with a GPA below 3.0 at the end of sophomore year to take seven courses as a junior. Students electing to take the summer Chemistry course are required to have their application reviewed by the Science Department Chair. Please refer to the course descriptions for the summer offerings in Latin and Chemistry. A Fine Art (½ credit) elective may be offered in the summer subject to staffing and enrollment. Any summer course may be cancelled if there is insufficient enrollment.

## JUNIOR YEAR

Juniors must carry at least 6 majors during their junior year.

Latin III/AP Latin*	1 credit	Required
English III/AP English III*	1 credit	Required
Modern Language II/III/IV	1 credit	Required
Religious Studies^	1 credit	Required
Algebra II w Trig/Honors Pre-Calculus*	1 credit	Required
Chemistry	1 credit	Required
Physical Education	20 hours	Required

^In Junior and Senior year, Religious Studies courses are rostered as two ½ credit courses.

**Please Note: Government/AP Government\* is required in either Junior or Senior year.**

Honors Greek II*	1 credit	Elective
Rome: From Romulus to Caesar	½ credit	Elective
Rome: From Augustus to Constantine	½ credit	Elective
Ancient Tragedy	½ credit	Elective
Ancient Comedy	½ credit	Elective
Roman Archaeology and Topography	½ credit	Elective
Classical Mythology	½ credit	Elective
Athenian Democracy	½ credit	Elective
Literature and Film (ENG403)	½ credit	Elective
Personal Writing (ENG406)	½ credit	Elective
Shakespeare (ENG405)	½ credit	Elective
Censorship in Literature (ENG408)	½ credit	Elective
Musical Theater: From Page to Stage (ENG413)	½ credit	Elective
Irish Literature (ENG415)	½ credit	Elective
Poetry and Music in Postmodern Culture (ENG416)	½ credit	Elective
Public Speaking (ENG417)	½ credit	Elective
African American Literature (ENG418)	½ credit	Elective
The Catholic Imagination in Literature (ENG419)	½ credit	Elective
AP Calculus AB/BC*	1 credit	Elective
AP Statistics*	1 credit	Elective
Calculus*	1 credit	Elective
Finite Mathematics with Applications*	½ credit	Elective
Algebraic and Financial Applications*	½ credit	Elective
Introduction to Statistics*	½ credit	Elective
Topics in Discrete Mathematics*	½ credit	Elective
AP Psychology*	1 credit	Elective
Environmental Science*	1 credit	Elective
Physics*	1 credit	Elective
Human Anatomy and Physiology	1 credit	Elective
AP Biology*	1 credit	Elective
AP Chemistry*	1 credit	Elective
Introduction to Engineering*	1 credit	Elective
Studio Art I	½ credit	Elective
Studio Art II*	½ credit	Elective
Ceramics I	½ credit	Elective
Ceramics II*	½ credit	Elective
Graphic Design I	½ credit	Elective

Graphic Design II*	½ credit	Elective
Advanced Art*	1 credit	Elective
Art History Survey	½ credit	Elective
AP Art History*	1 credit	Elective
Instrumental Music I	½ credit	Elective
Instrumental Music II	½ credit	Elective
Styles and Analysis in Music	½ credit	Elective
Music Theory and Aural Skills*	1 credit	Elective
Introduction to Programming*	1 credit	Elective
AP Computer Science*	1 credit	Elective
AP Computer Science Principles*	1 credit	Elective
Introduction to Psychology	½ credit	Elective
Introduction to Economics	½ credit	Elective

\*Students must meet prerequisites (see course descriptions).

### SENIOR YEAR

**Seniors must take at least 6 courses during each semester of their senior year.** Seniors must take Government or AP Government in senior year if they did not have a Government course as a junior. Seniors may choose as many as 3 electives, not exceeding 7 courses.

English IV <sup>^</sup> or AP English IV*	1 credit	Required
Government/AP Government*	1 credit	Required
Mathematics/Computer Science	1 credit	Required
Modern Language III/IV	1 credit	Required
Religious Studies	1 credit	Required
Physical Education	20 hours	Required

<sup>^</sup>English IV will be rostered as two semester courses of ½ credit each.

Honors Latin IV*	1 credit	Elective
Honors Greek III*	1 credit	Elective
Latin IV*	1 credit	Elective
Rome: From Romulus to Caesar	½ credit	Elective
Rome: From Augustus to Constantine	½ credit	Elective
Ancient Tragedy	½ credit	Elective
Ancient Comedy	½ credit	Elective
Roman Archaeology and Topography	½ credit	Elective
Classical Mythology	½ credit	Elective
Athenian Democracy	½ credit	Elective

Studio Art I	½ credit	Elective
Studio Art II*	½ credit	Elective
Ceramics I	½ credit	Elective
Ceramics II*	½ credit	Elective
Graphic Design I	½ credit	Elective
Graphic Design II *	½ credit	Elective
Advanced Art*	1 credit	Elective
Art History Survey	½ credit	Elective
AP Art History*	1 credit	Elective
Instrumental Music I	½ credit	Elective
Instrumental Music II	½ credit	Elective
Styles and Analysis in Music	½ credit	Elective
Music Theory and Aural Skills*	1 credit	Elective
Literature and Film (ENG403)	½ credit	Elective
Personal Writing (ENG406)	½ credit	Elective
Shakespeare (ENG405)	½ credit	Elective
Censorship in Literature (ENG408)	½ credit	Elective
Musical Theater: From Page to Stage (ENG413)	½ credit	Elective
Irish Literature (ENG415)	½ credit	Elective
Poetry and Music in Postmodern Culture (ENG416)	½ credit	Elective
Public Speaking (ENG417)	½ credit	Elective
African American Literature (ENG418)	½ credit	Elective
The Catholic Imagination in Literature (ENG419)	½ credit	Elective
Modern US History	½ credit	Elective
The Modern World	½ credit	Elective
US Intelligence and the Cold War	½ credit	Elective
Introduction to Economics	½ credit	Elective
Introduction to Psychology	½ credit	Elective
San Ignacio de Loyola	½ credit	Elective
Hispanic World: Literature and Film	½ credit	Elective
Russian I	1 credit	Elective
AP European History*	1 credit	Elective
AP United States History*	1 credit	Elective
Introduction to Programming	1 credit	Elective
AP Computer Science*	1 credit	Elective
AP Computer Science Principles	1 credit	Elective
AP Statistics*	1 credit	Elective
AP Calculus AB/BC*	1 credit	Elective
Calculus*	1 credit	Elective
Finite Mathematics with Applications*	½ credit	Elective
Algebraic and Financial Applications*	½ credit	Elective
Introduction to Statistics*	½ credit	Elective



Topics in Discrete Mathematics*	½ credit	Elective
AP Psychology*	1 credit	Elective
Human Anatomy and Physiology*	1 credit	Elective
Environmental Science*	1 credit	Elective
AP Biology*	1 credit	Elective
AP Chemistry*	1 credit	Elective
Physics*	1 credit	Elective
Introduction to Engineering*	1 credit	Elective
AP Physics*	1 credit	Elective

\*Students must meet prerequisites (see course descriptions).

## RATIONALE FOR IGNATIAN SERVICE PROGRAM

The rationale for the Mission and Ministry's Ignatian Service Program at St. Joseph's Prep is rooted in the belief of St. Ignatius that *"love is shown in deeds rather than in words."* We invite our students to become *"men for and with others"* by educating their minds and hearts to horizons beyond their previous experience and into the world beyond the world they know. We feel it is important that they come in contact with people who on the surface may be unlike themselves, people who are poor, both materially, bodily and spiritually, people who are marginalized, the disadvantaged either socially or economically, and disabled either in mind or body. We hope this encounter will result in what we consider to be the ultimate goals of the program:

1. The Prep community and the students themselves realize that our gifts and talents can help people, can heal their hurts, can assuage their loneliness, can give companionship and encouragement, can enlighten minds and give dignity to those whom they serve.
2. Through their service, we hope the students will become aware that they receive much more than they give: that when they become healers, they themselves are healed; when they give companionship, they themselves receive companionship; when they uplift and encourage, they themselves are uplifted and encouraged; and when they enlighten, they are themselves enlightened.
3. Recognition by all of our students that God is present in all things, all people and all situations.

We also hope that the effects of this experience will stay with the young men no matter what career or profession they may find themselves later in life. We hope that this experience is one of many that will raise their consciousness to the point where attitudes will be changed and their lives will be lived with these experiences and their reflections on them as a backdrop.

The St. Joseph's Prep Ignatian Service Program is mandatory. Just as the core curriculum is usually mandatory in any high school, we feel that in light of the school's mission and ideals this component of the school's curriculum is equally important. Many students who may have a difficult time committing to this program eventually see that the experience can be enjoyable, fulfilling, and a highlight of their high school experience.

## Service Hours Requirement

All students are required to do service all four years at St. Joseph's Prep.

**Freshmen** are required to complete 5 hours through Daily Service opportunities, Operation Santa Claus, or the monthly Father/Son Day of Service.

**Sophomores** are expected to complete 10 hours through St. Joe's Prep sponsored programs (Daily Service, the monthly Father/Son Day of Service, Annual Service Initiatives, Summer Service Immersion trips, Homelessness Sleepout, and Empty Bowls).

**Juniors** are required to complete 20 hours of service and **Seniors** must complete 40 hours of service.

After completion of the hours, students are required to write a reflection essay on their service experience or hand in a journal from a Prep sanctioned service immersion trip.

Suggestions for service projects are provided by the Mission and Ministry Office throughout the school year via the school announcements and the website. We encourage students to begin to participate in service opportunities as soon as possible.

The Mission and Ministry Office does NOT assign students to projects but will gladly help the student find the appropriate site for his talents and availability. Meetings can be set up with members of the Mission and Ministry team during the student's free periods to discuss more fully.

### What Is Acceptable Service?

Any service program sponsored directly by St. Joseph's Prep (e.g. Daily Service, Annual Service Initiatives, Summer Service Immersion trips, Homelessness Sleepout, and the Empty Bowls Hunger Banquet) is acceptable. A student's participation in such a program should always be verified by someone at the site or the Prep moderator of that activity. It is the student's responsibility to ensure that his service hours have been verified.

### Verification of Completed Service Hours

Verification of a student's participation in a Prep sponsored program will be provided by

the director or moderator of that program. After completing the program, the student has no further obligation to verify his involvement although the Mission and Ministry Office always would like to be kept aware of all the good things each student is doing.

When hours have been fulfilled in a program not directly related to the Prep, a formal letter must be sent or given to the Director of Ignatian Service as verification of the student's hours.

This letter MUST:

1. Be typed on the outside organization's letterhead or sent from an official email address;
2. Indicate the exact days and hours of work;
3. Explain what type of work was performed;
4. Include the signature, position, and phone number of the supervising person; and
5. Be received by the Mission and Ministry Office as soon as the project is completed.

Where appropriate, a brochure or description of the program is always beneficial. Letters that do not follow this format will not be accepted. **Hand-written notes or emails from parents will not be accepted.** The Mission and Ministry staff will not be responsible to call and confirm hours. The student has full responsibility to hand in all appropriate documentation by the deadline.

## Frequently Asked Questions

### **If I take an Art class (Visual Language) during my freshman year, may I still register for additional Fine Arts classes?**

Yes, you may choose to take a Fine Arts class (starting at Level I) as an elective course during your junior or senior year. If you are in the Class of 2021 and 2022, you must choose to take an additional semester class in music or art to fulfill the new one credit requirement in Fine Arts starting in the academic year 2019-2020. Please refer to the course descriptions in the Fine Arts section of this program of studies.

### **Must I take a math class during my senior year?**

Not necessarily. By the end of your junior year, you will have completed three full years of math. To fulfill the Math/Computer Science requirement of four credits, you will need to complete another math course or another full credit computer science course. You may elect to do both.

### **Do I need to take three years of Latin?**

Not necessarily. If you will earn three credits studying a modern language, then you only need two credits in Latin to satisfy the Classics and Modern Language requirement of five credits. You may, of course, complete a third and/or fourth year of study in Classics as an elective.

### **Do I need to take three years of a Modern Language?**

Not necessarily. If you will earn three credits studying the Classical languages, then you only need two credits in one Modern Language to satisfy the Classics and Modern Language requirement of five credits. You may, of course, complete a third and/or fourth year of study in a Modern Language as an elective.

### **What if I double up on Modern Languages?**

This is not an option. The intent of our Program of Studies is for students to achieve mastery in both Latin and one Modern Language. If the language requirement is fulfilled, a student may choose to study another modern language as an elective with departmental approval.

**Do all courses currently offered in the Classics Department and Modern Language Department count toward the Classics and Modern Language requirement?**

No, all courses do not count towards the Classics and Modern Language requirements  
The following courses count as electives only and NOT towards language credit.

- Classical Mythology
- Roman Archeology and Topography
- Rome: From Romulus to Caesar
- Rome: From Augustus to Constantine
- Ancient Tragedy
- Ancient Comedy
- San Ignacio de Loyola
- Literatura y cine en el mundo hispano/Hispanic World: Literature and Film

**FULFILLING THE FIVE YEAR LANGUAGE REQUIREMENT**

\*Modern Language Choices are Spanish, French, German or Mandarin Chinese.  
 Must be same language as Level I and taken consecutively

( ) Indicates elective choices – Requirement is 2 Classical Language courses and 2 Modern Language courses and one of either Classical or Modern Language

**Classics Only**

Grade 9	Grade 10	Grade 11	Grade 12
Latin I Honors Latin I	Latin II Honors Latin II Honors Latin II/Greek I	(AP Latin) (Latin III) (Honors Greek II)	(Honors Latin IV) (Honors Greek III) (Latin IV)
Digital Literacy/Studio Foundations	*Modern Language I	Modern Language II	(Modern Language III)

**Classics Only with Accelerated Placement in Level II Classics**

Grade 9	Grade 10	Grade 11	Grade 12
Latin II Honors Latin II Honors Latin II/Greek I	AP Latin Latin III Honors Greek II	(Honors Latin IV) (Honors Greek III) (Latin IV)	Elective
Digital Literacy/Studio Foundations	*Modern Language I	Modern Language II	(Modern Language III)

**Traditional with Placement in Level I Modern Language**

Grade 9	Grade 10	Grade 11	Grade 12
Latin I Honors Latin I	Latin II Honors Latin II Honors Latin II/Greek I	(AP Latin) (Latin III) (Honors Greek II)	(Honors Latin IV) (Honors Greek III) (Latin IV)
*Modern Language I	Modern Language II	(Modern Language III)	(Modern Language IV)

**Traditional with Accelerated Placement in Level II Classics**

Grade 9	Grade 10	Grade 11 <u>Must select one course from this column</u>	Grade 12
Latin II Honors Latin II Honors Latin II/Greek I	AP Latin Latin III Honors Greek II	(Honors Latin IV) (Honors Greek III) (Latin IV)	Elective
*Modern Language I	Modern Language II	(Modern Language III)	(Modern Language IV)

**Traditional with Accelerated Placement in Level II Modern Language**

Grade 9	Grade 10	Grade 11 <u>Must select one course from this column</u>	Grade 12
Latin I Honors Latin I	Latin II Honors Latin II Honors Latin II/Greek I	(AP Latin) (Latin III) (Honors Greek II)	(Honors Latin IV) (Honors Greek III) (Latin IV)
*Modern Language II	Modern Language III	(Modern Language IV)	Elective

**Transfer Students into Grade 10 who place into Level I Classical and Modern Language courses**

Grade 10	Grade 11	Grade 12 <u>Must select one course from this column</u>
Latin I/Honors Latin I	Latin II Honors Latin II Honors Latin II/Greek I	(AP Latin) (Latin III) (Honors Greek II)
*Modern Language I	Modern Language II	(Modern Language III)

**Transfer Students into Grade 10 who place into Level II Classical Language courses**

Grade 10	Grade 11	Grade 12 <u>May select one elective from this column</u>
Latin II Honors Latin II Honors Latin II/Greek I	AP Latin Latin III Honors Greek II	(Honors Latin IV) (Honors Greek III) (Latin IV)
*Modern Language I	*Modern Language II	(Modern Language III)

**Transfer Students into Grade 10 who place into Level II Modern Language courses**

Grade 10	Grade 11	Grade 12 <u>May select one elective from this column</u>
Latin I/Honors Latin I	Latin II Honors Latin II Honors Latin II/Greek I	(Honors Latin IV) (Honors Greek III) (Latin IV)
*Modern Language II	*Modern Language III	(Modern Language IV)

N.B. Transfer students into Grade 11 MUST be able to complete four courses of language study (two in Classical Language and two in Modern Language). In addition, the student must complete through Level III in at least one of the language areas. Upon acceptance the student will need to demonstrate proficiency in either Classical Language or Modern Language (as determined by the evaluation by the appropriate Department Chairperson) and must place into at least a level II in one of those areas during his junior year.



## SELECTION OF COURSES

Students are advised to study all course offerings carefully. If you do not meet the prerequisite for the course, please do not apply for it. You will only be required to make another course selection and this slows down the entire process considerably. Private consultation with a counselor, teacher and parent(s) is highly recommended to ensure a wise selection of courses. **When definite choices have been made, the course selection form must be signed by the student and the parent and submitted to your counselor. Students must also enter their course selections online BEFORE turning in their sign course cards.** Changes are not permitted except in extraordinary circumstances. **The school reserves the right to cancel any course for which there is inadequate enrollment.** The Assistant Principal will assign courses to students who do not submit course selection forms by the stated deadline.

## COURSE SELECTION PROCESS

- Students will receive Course Selection Form and guidelines.
- The Program of Studies is available online.
- Students should review all course information carefully before making course selections and fulfill all requirements outlined for each course.
- Students are advised to meet with their counselor to discuss course offerings.
- Specific directions for registering for classes online through PowerSchool will be provided.
- The student and his parent(s) must sign the Course Selection Form before returning it to the Office of the Assistant Principal by the designated due date.
- Lists of students who requested Honors and Advanced Placement courses will be sent to the academic departments for approval.
- Each student will receive a course approval notification in mid-May.
- The course approval verification will include directions to access a listing of courses for which the student has been approved and therefore will be scheduled for the 2019-2020 academic year. Appeals on course approvals must be directed to the department chairperson as outlined in the course approval letter.
- During the summer, student schedules will be generated. **The school reserves the right to cancel any course for which there is inadequate enrollment.**
- Student schedules will be mailed to students in August.

## ELIGIBILITY FOR AP COURSES

When considering an AP course, it is recommended that a student have a minimum 3.0 GPA. In addition to the individual departmental requirements, a student needs a minimum 3.5 GPA to be eligible for more than two AP courses. The GPA used for AP eligibility is the GPA calculated at the end of the student's first semester of his application year. In terms of the number of AP courses that a student is allowed to take at one time, the norm is two, with the understanding that there may be reasons to justify three. More than three may be permitted with counselor, departmental and administrative approval. If student requests more than two AP courses, he will be asked to prioritize his choices as part of the application process.

## SCHEDULES

Add/Drop procedures and guidelines are presented to the students during their class orientation meeting at the beginning of each school year. The period for any necessary schedule adjustment is in effect until the **end of the first teaching cycle.**

## MID-QUARTER EVALUATION

Mid-Quarter Evaluations are emailed four (4) times a year.

## REPORT CARDS

Report cards are distributed by email four (4) times a year.

## TRANSCRIPTS

Transcripts are available upon request from the Main Office.

## CLASS RANK

St. Joseph's Prep does not rank students.

## HONORS

Prep Scholars are based on the grade point average at the end of First Semester and at the end of the year.

**First Honors:** Grade Point Average **3.500 or higher**

**Second Honors:** Grade Point Average **3.300 - 3.499**

## CLASSICS DEPARTMENT

### GRADE 9

**LATIN I - CLA101** [Required] 1 credit

This course provides a detailed study of elementary Latin grammar and vocabulary. Students develop skills of memory, analysis, and association. Attention is given to the translation of stories in "made-up" Latin. Connections with English grammar and vocabulary are frequently indicated. [Students take the National Latin Exam.]

**Prerequisite:** None

**HONORS LATIN I - CLA102** 1 credit

This course attempts to group those students with identifiably high verbal skills. While the matter covered is the same as that in Latin I, the depth, pace, and amount of translation go beyond that of the regular course. [Students take the National Latin Exam.]

**Prerequisite:** Placement based on Scholarship-Entrance Examination and qualifying exams in verbal skills.

### GRADE 10

**LATIN II - CLA201** [Required] 1 credit

This course first reviews material learned in Latin I; then, new grammar is presented sequentially. Students use a review vocabulary prepared by the Department and begin to read original Latin selections taken from Caesar and/or Livy. Cultural and historical aspects of ancient Rome are also explored. [Students take the National Latin Exam.]

**Prerequisite:** Successful completion of Latin I

**HONORS LATIN II - CLA202** 1 credit

This course is open to those students who have developed a serious interest in the language, history, and culture of ancient Rome. Students must have demonstrated superior ability in translating complex Latin, as well as in memorizing and identifying the grammatical elements learned in Latin I. Students in this course complete the same syllabus offered in Latin II, but do so at a quicker pace and with greater attention to the most complex aspects of the language. Students at the honors level can also expect to translate a greater number of passages than their peers in Latin II. [Students take the National Latin Exam.]

**Prerequisite:** Recommendation of first-year Latin teacher and approval of the Department Chairperson.

### **HONORS LATIN II/GREEK I - CLA 203**

1 credit

This intensive course, which combines the introductory study of Attic Greek with the completion of the entire syllabus of Latin II, is open only to highly qualified students who have a serious interest in ancient languages and history. Students who enroll in this course are expected to continue their study of ancient Greek in the following year (Honors Greek II). [Students take both the National Latin Exam and the National Greek Exam.]

**Prerequisite:** Recommendation of first-year Latin teacher and approval of the Department Chairperson.

*Depending on an individual student's situation, one or more upper-level language courses (in Greek or Latin) may be required in order to complete his overall language requirement. Students are urged to consult the Introduction to this booklet for an example outline of options/requirements. Any language course beyond the required two or three may be taken as an elective. In addition, please note that non-language electives listed under Grades 11 & 12 will not count toward the completion of the language requirement.*

## **GRADE 11**

### **SUMMER LATIN III - CLA301**

1 credit

This course is designed for students who wish to complete a third course in Latin during the summer. It is identical in design to the yearlong Latin III course, but students read extensively from the works of only one author (either prose or poetry). This is a terminal course, and students who complete it will not be permitted to continue their study of the language in Latin IV or Honors Latin IV.

**Prerequisite:** Successful completion of Latin II.

### **LATIN III - CLA301**

1 credit

This course offers students their first opportunity to read extensively from the corpus of Latin literature. The first term is devoted to the study of Latin prose. Students typically read selections from the works of Caesar and/or Cicero. The second term is devoted to the study of Latin poetry. Students may read selections from Vergil or Ovid, depending on the interests of the teacher/Department. In both terms, relevant historical and cultural topics are addressed, as are features of literary style. [Students take the National Latin Exam.]

**Prerequisite:** Successful completion of Latin II.

### **AP LATIN - CLA302**

1 credit

This course follows the syllabus set by the Advanced Placement Program of the College Board for a close reading of prescribed passages from the *Aeneid*, the epic poem by Vergil, and from *De Bello Gallico*, the commentaries by Caesar. Students develop linguistic skills by translating poetry and prose precisely and literally, reading with comprehension, and

analyzing literary texts in coherent arguments supported by textual examples. [Students are required to take the AP Examination in May and the National Latin Examination.]

**Prerequisite:** Recommendation of second-year Latin teacher and approval of Department Chairperson.

**HONORS GREEK II - CLA303**

1 credit

This course, in which students complete the study of Greek grammar, is open to those students who have successfully completed Honors Latin II/Greek I. Selections from Attic prose and poetry of the fifth century BCE are read in the original. Texts covered are set and studied within their appropriate contexts. Cultural, historical, and archaeological topics are often explored and discussed. [Students take the National Greek Exam.]

**Prerequisite:** Recommendation of first-year Greek teacher and approval of the Department Chairperson.

**ROME: FROM ROMULUS TO CAESAR - CLA501**

½ credit

This semester-long course introduces students to the history of Rome from its foundations as a village to its rise as a world power through the end of the Republic. The focus of the course is literary, and students deal directly with the primary sources (in English translation) that present the ancient perspective of the periods under consideration. Significant attention is also paid to the archaeological, artistic, numismatic, and epigraphical evidence that scholars use to recreate the history of the city and its people. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the Departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

**ROME: FROM AUGUSTUS TO CONSTANTINE - CLA502**

½ credit

This semester-long course introduces students to the history of Rome as an empire, during which period its cultural, governmental, and military influence spread throughout the entire Mediterranean world. The focus of the course is literary, and students deal directly with the primary sources (in English translation) that present the ancient perspective of the periods under consideration. Significant attention is also paid to the archaeological, artistic, numismatic, and epigraphical evidence that scholars use to recreate the personalities of the emperors and the impact of Roman government and culture on conquered peoples. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the Departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

**ANCIENT TRAGEDY - CLA503**

½ credit

This semester-long course introduces students to some of the greatest works of Greek and Roman Tragedy. The focus of the course is literary, and students deal directly with the

primary sources (in English translation) to consider the social, political, religious, and artistic functions of ancient drama in Greece and Rome. Students also consider ancient tragedy's similarities to and differences from modern dramatic representation. Secondary readings, guest lectures, and reconstructions/adaptations of the texts increase breadth and depth of student understanding. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the Departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

#### **ANCIENT COMEDY - CLA504**

½ credit

This semester-long course introduces students to some of the greatest works of Greek and Roman Tragedy. The focus of the course is literary, and students deal directly with the primary sources (in English translation) to consider the social, political, religious, and artistic functions of ancient drama in Greece and Rome. Students also consider ancient comedy's similarities to and differences from modern dramatic representation. Secondary readings, guest lectures, and reconstructions/adaptations of the texts increase breadth and depth of student understanding. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the Departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

#### **ROMAN ARCHAEOLOGY & TOPOGRAPHY - CLA505**

½ credit

This semester-long course offers students the opportunity to study the archaeology, architecture, topography, and, to a lesser extent, art of Classical Rome. Students initially study the general principles and select topics of classical archaeology and architecture, which they then apply to a detailed study of the physical remains of Rome and its environs. Slide lectures elucidate the major monuments of the city. Students consider, among other things, the topography of Rome itself, the Roman conception of urban planning, and Roman socio-political and religious history. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

#### **CLASSICAL MYTHOLOGY - CLA506**

½ credit

This semester-long course offers students the opportunity to study the mythology and to survey some of the major myth cycles of the Greco-Roman world. Students study the various gods of the Greco-Roman pantheon, the literary tradition that details their exploits, and their function in the religion and daily lives of the ancients. Students also get the opportunity to read in translation large portions of major myths/myth cycles

(*Iliad*, *Metamorphoses*, *Theogony*, among others) and to consider the transmission of these stories via material culture/visual arts (pottery, sculpture, fresco). In addition, correlations with other world religions, especially Christianity, are explored. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

### **ATHENIAN DEMOCRACY - CLA507**

½ credit

This semester-long course guides students through the emergence and development of the Athenian democracy from the 6<sup>th</sup> to the 4<sup>th</sup> centuries BCE. Students engage in the close reading, analysis, and discussion of ancient literature in English translation. By reading from a wide variety of source material, students gain an appreciation for the politics, military affairs, arts, and culture of ancient Athens, with particular attention paid to how the institutions of democracy governed the *polis* during both peace and war. Students consider both the ancient democracy of Athens and the reception of Athenian ideas during other periods of history, including the modern era. The course also dedicates special attention to the role of Aristophanic comedy in the democracy of Athens, with discussion of what role various media play in our own society and the importance of free speech with regard to political debate. This course, which is open to Juniors and Seniors only, is a free elective and does not satisfy the departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

## **GRADE 12**

### **LATIN IV - CLA404**

1 credit

This course, like Latin III, offers students the opportunity to read Latin authors in the original. Students read selections from writers of the late Republic and Empire. Authors and texts are determined by the teacher/Department. Relevant historical and cultural topics are addressed and discussed. [Students take the National Latin Exam.]

**Prerequisite:** Successful completion of Latin III.

### **HONORS LATIN IV- CLA405**

1 credit

This course, which follows the syllabus formerly prescribed by the Advanced Placement Program of the College Board (AP Latin Lyric Poetry), offers students the opportunity to read extensively from the poetry of Catullus and Horace. Students can expect the workload and class experience to be similar to that of an author-level course at the university level. Class work requires close reading of the text, and students are expected to analyze critically in linguistic and literary terms. Correlations between the literature and culture of Greece and Rome are explored, at times in great detail. Scholarly articles

may be used to supplement analysis of particular poems. [Students take the National Latin Exam.]

**Prerequisite:** Recommendation of third-year Latin teacher and approval of the Department Chairperson.

**HONORS GREEK III - CLA403**

1 credit

This course presents an in-depth reading of authors selected by the teacher/Department. Connections are made between the text and the archaeology, history, and mythology of ancient Greece. Background readings from secondary sources are used to enhance the classroom experience. [Students take the National Greek Exam.]

**Prerequisite:** Recommendation of second-year Greek teacher and approval of Department Chairperson.

**ROME: FROM ROMULUS TO CAESAR - CLA501**

½ credit

This semester-long course introduces students to the history of Rome from its foundations as a village to its rise as a world power through the end of the Republic. The focus of the course is literary, and students deal directly with the primary sources (in English translation) that present the ancient perspective of the periods under consideration. Significant attention is also paid to the archaeological, artistic, numismatic, and epigraphical evidence that scholars use to recreate the history of the city and its people. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the Departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

**ROME: FROM AUGUSTUS TO CONSTANTINE - CLA502**

½ credit

This semester-long course introduces students to the history of Rome as an empire, during which period its cultural, governmental, and military influence spread throughout the entire Mediterranean world. The focus of the course is literary, and students deal directly with the primary sources (in English translation) that present the ancient perspective of the periods under consideration. Significant attention is also paid to the archaeological, artistic, numismatic, and epigraphical evidence that scholars use to recreate the personalities of the emperors and the impact of Roman government and culture on conquered peoples. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the Departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

**ANCIENT TRAGEDY - CLA503**

½ credit

This semester-long course introduces students to some of the greatest works of Greek and Roman Tragedy. The focus of the course is literary, and students deal directly with the primary sources (in English translation) to consider the social, political, religious, and



artistic functions of ancient drama in Greece and Rome. Students also consider ancient tragedy's similarities to and differences from modern dramatic representation. Secondary readings, guest lectures, and reconstructions/adaptations of the texts increase breadth and depth of student understanding. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the Departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

#### **ANCIENT COMEDY - CLA504**

½ credit

This semester-long course introduces students to some of the greatest works of Greek and Roman Tragedy. The focus of the course is literary, and students deal directly with the primary sources (in English translation) to consider the social, political, religious, and artistic functions of ancient drama in Greece and Rome. Students also consider ancient comedy's similarities to and differences from modern dramatic representation. Secondary readings, guest lectures, and reconstructions/adaptations of the texts increase breadth and depth of student understanding. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the Departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

#### **ROMAN ARCHAEOLOGY & TOPOGRAPHY - CLA505**

½ credit

This semester-long course offers students the opportunity to study the archaeology, architecture, topography, and, to a lesser extent, art of Classical Rome. Students initially study the general principles and select topics of classical archaeology and architecture, which they then apply to a detailed study of the physical remains of Rome and its environs. Slide lectures elucidate the major monuments of the city. Students consider, among other things, the topography of Rome itself, the Roman conception of urban planning, and Roman socio-political and religious history. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

#### **CLASSICAL MYTHOLOGY - CLA506**

½ credit

This semester-long course offers students the opportunity to study the mythology and to survey some of the major myth cycles of the Greco-Roman world. Students study the various gods of the Greco-Roman pantheon, the literary tradition that details their exploits, and their function in the religion and daily lives of the ancients. Students also get the opportunity to read in translation large portions of major myths/myth cycles (*Iliad*, *Metamorphoses*, *Theogony*, among others) and to consider the transmission of these

stories via material culture/visual arts (pottery, sculpture, fresco). In addition, correlations with other world religions, especially Christianity, are explored. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

**ATHENIAN DEMOCRACY - CLA507**

½ credit

This semester-long course guides students through the emergence and development of the Athenian democracy from the 6<sup>th</sup> to the 4<sup>th</sup> centuries BCE. Students engage in the close reading, analysis, and discussion of ancient literature in English translation. By reading from a wide variety of source material, students gain an appreciation for the politics, military affairs, arts, and culture of ancient Athens, with particular attention paid to how the institutions of democracy governed the *polis* during both peace and war. Students consider both the ancient democracy of Athens and the reception of Athenian ideas during other periods of history, including the modern era. The course also dedicates special attention to the role of Aristophanic comedy in the democracy of Athens, with discussion of what role various media play in our own society and the importance of free speech with regard to political debate. This course, which is open to Juniors and Seniors only, is a free elective and does not satisfy the departmental language requirement.

**Prerequisite:** Successful completion of Latin through Latin II and approval of Department Chairperson.

## COMPUTER SCIENCE DEPARTMENT

### GRADE 9

#### MEDIA LITERACY - CS101

½ credit

Over the course of a semester students will develop skills to become intelligent consumers of information. Students will learn to recognize bias in the media, distinguish fact from opinion, and critically evaluate news sources. Within the framework of social justice issues and current events students will ask questions, search for answers and offer potential solutions. Throughout the course they will be introduced to strategies to help them better utilize the many resources available online. During the course students will thoroughly research a topic of their choosing and share what they have learned.

Prerequisite: None

### GRADES 11 AND 12

#### INTRODUCTION TO PROGRAMMING - CS301

1 credit

In Introduction to Programming, students will learn general principles of program design by constructing complete programs in two languages: Python and Java. Upon completion, students will have a firm grasp of the syntax of the Python and Java languages, as well as an understanding of general programming algorithms and data structures. Students will also be introduced to web design with HTML, and build a personal web page. The immensely creative side of programming will be explored.

**Prerequisite:** Grade of B or better in Algebra I; Preferred completion of Math 301

#### AP COMPUTER SCIENCE A- CS401

1 credit

AP Computer Science is a continuation of the topics covered in Introduction to Programming. Students will use the Java programming language to explore fundamental concepts of computer science, such as object-oriented design, encapsulation, inheritance, data structures, and sorting and searching algorithms. Students will be required to take the College Board AP Computer Science exam in May.

**Prerequisite:** Successful completion of CS 301. **Students interested in taking AP Computer Science without CS 301 must successfully complete a placement exam, as well as complete preparation material over the summer. You must also have a 3.3 GPA.**

**AP COMPUTER SCIENCE PRINCIPLES- CS404**

1 credit

AP Computer Science Principles is a broad overview of a variety of computer science topics including programming, algorithms, internet, big data, app development, digital privacy and security, and societal impacts of computing. A large portion of the course, which also applies to your AP score, will be an independent tech project chosen by the student. Students will be required to take the College Board AP Computer Science Principles exam in May, which is solely multiple choice questions from the coursework. Test scores are generated from adding the multiple choice scores with the independent project scores.

**Prerequisite:** Successful completion of CS 301. **Students interested in taking AP Computer Science Principles without CS 301 must have a 3.0 GPA.**

## ENGLISH DEPARTMENT

English 101 and 102 are genre courses that introduce students to short stories, poems, plays, novels and non-fiction essays, and the conventions within each of these genres. With its multi-genre approach, one that involves coverage of literary terms and archetypes and their functions within the text, this course engages students in the formal study of literature. The course builds the students' reading habits and critical reading processes (with emphasis on annotation). There is also a central focus on writing about what is read. In a process approach to writing, students will learn the conventions of formal academic writing and, in addition to crafting essays, will delve into more creative writing pieces. English 201 and 202 continue this study of literature and practice in writing. The course readings are drawn from American literature, while the literary content of English 301 and 302 consists of British and World literature. These junior-level courses again build on students' previous work in reading and writing. The A.P. Language and Composition course offered to qualifying juniors covers British and World literature with an added (and intense) focus on rhetorical analysis and persuasive writing. Senior English offerings include one-semester elective courses (non-AP students must take a minimum of two (2) elective offerings) or English 402, a full-year Advanced Placement course (A.P. Literature and Composition). Seniors and juniors who have room in their schedules may choose additional English elective courses. In all English courses, *eloquentia perfecta*, the Jesuit term for writing and speaking well for the common good, is the central objective.

For graduation, students are required to obtain four (4) credits in English. Senior elective courses carry a credit of .5.

### **GRADE 9**

#### **ENGLISH I - ENG101**

1 credit

The aim of the course is to foster habits of reading with attention and with sensitivity to the implications of what is read. The freshman student is introduced to five basic forms of literature: the short story, the poem, the play, the non-fiction essay and the novel. The freshman student is expected to recognize major literary devices found in these five forms and to note, critically, the purpose and effect of these devices on the content of what they read. Literature is drawn from various cultures and literary traditions. Throughout the entire year, there is also a systematic emphasis on composition. Exercises in the forms of language solidify a student's command of English grammar and refine the student's abilities of self-expression in writing. Particular emphasis is placed upon a process approach to writing through practice in writing narrative and descriptive paragraphs and essays. The student also begins to write critically about the literature he reads. In addition to intensive practice in composition, significant time is spent on the student's verbal development through vocabulary and speech. Note taking and study skills are also a central part of this introductory work in literary analysis and writing for various

purposes and audiences.

**Prerequisite:** None

**HONORS ENGLISH I - ENG102**

1 credit

This course is available for the freshman who has demonstrated a proficiency in language skills based on his Entrance Exam and diagnostic testing. The student is introduced to five basic forms of literature: the short story, the poem, the play, the non-fiction essay and the novel. A student in the Honors program will be expected to handle significant reading assignments and to be involved in a more sophisticated analysis of literature. Active class participation is an important aspect of a student's grade. As in English 101, numerous and varied writing assignments help the student to refine his critical reading and writing skills. Significant time is spent on vocabulary study and speech to aid the student's verbal development in pursuit of *eloquentia perfecta*. Note taking and study skills are also a part of this accelerated introduction to literature and writing.

**Prerequisite:** Placement based on Scholarship-Entrance Examination and diagnostic testing. A student applying for this course should be comfortable with speaking in a group setting.

**GRADE 10**

**ENGLISH II - ENG201**

1 credit

Students in English II will study the rich cultural literary heritage of America. Students will be exposed to traditional works from the Colonial era to the present as well as Native American and African American literature. Students will examine how these authors treat universal human concerns as well as their portrayal of life in America. In conjunction with the reading, English II--like English 101 and 102--emphasizes a process approach to writing. Students will write in a variety of modes, including narration, description, persuasion, and the critical essay. English II students will continue the study of vocabulary begun in freshman year. Students will also have the opportunity to develop their oral communication skills through informal and formal speech activities. Time is spent on note-taking and study skills as well.

**Prerequisite:** None

**HONORS ENGLISH II - ENG202**

1 credit

Honors English II is an honors course offered to those sophomores who have developed a serious interest in the study of literature and who have demonstrated in freshman year an ability to write well. In addition, the student must assume the responsibility of a greater volume of reading and more extensive writing and speaking assignments than in English 201. Involvements in class activity and class participation are integral parts of this course and compose a significant percentage of the student's grade. Particular emphasis is placed upon a process approach to writing. In addition to narration, several forms are used to help the student develop his own voice as a writer: description, persuasion, journaling, the writing of reaction/response papers, and short story writing. The Honors student will continue the study

and practice of critical writing. The student will expand his vocabulary through his examination of American literature and through a systematic vocabulary review. While not an Advanced Placement course, English 202 serves as an excellent introduction to the AP courses in junior and senior years and is thus considered a pre-AP course.

**Prerequisite:** Students must have an A average in English for freshman year and the high recommendation of the student's English 101/102 teacher. This recommendation will evaluate five factors of the student's freshman English performance: Grade in English (93 or higher), advanced writing ability, class participation skills, reading comprehension and ability to meet deadlines. Also considered in the student's placement are his overall G.P.A. (3.0 minimum), and P.S.A.T. verbal and writing scores. Note: Students in Honors English I are not automatically guaranteed a seat in Honors English II; also, students in English I can sign up for Honors English II during Course Registration for consideration in an Honors II section.

## GRADE 11

*Juniors are required to take English 301 or 302. Students may also choose to take an elective course; however, first choice in the elective courses is given to seniors.*

### **ENGLISH III - ENG301**

1 credit

English 301 is a survey of British and World literature. Students will discover how the topics that interested writers and the style in which they wrote developed over the course of centuries. Discussion is integral to the course, and so too is the continuation of critical reading and writing skills developed in previous English courses. Once again, particular emphasis is placed upon a process approach to writing, with particular formation in analytical and argumentative essays in which students will adhere to the formal conventions expected of them in such written modes. The student will also be given regular opportunity to refine his writing skills in the various modes practiced in his career at the Prep: descriptive, narrative, persuasive, journaling, reaction/response essays and creative writing. Attention will be given to the writing of the SAT essay and the essay for college application. Vocabulary study and acquisition is built into the course, and students will have the opportunity to hone public speaking skills in formal presentations to the class. Time-management, note taking and study skills will also be addressed in this course.

**Prerequisite:** None

### **AP ENGLISH III: LANGUAGE AND COMPOSITION - ENG302**

1 credit

An Advanced Placement program is available to qualified students in both junior and senior year. For juniors, this course is A.P. Language and Composition; for seniors, A.P. Literature and Composition. The AP program in English is designed for students with confidence in their writing ability and a significant interest in literature, critical thinking and writing. AP English classes utilize the format of a college-level seminar. The AP Language and Composition course

in junior year focuses on what rhetorical and compositional strategies authors use to achieve their purpose. Along with these demands of the A.P. Language and Composition program, it is imperative that students in the course anticipate comprehensive coverage of British and World literature. In addition, students must be willing to participate in discussions students, and must assume the additional responsibility of a greater volume of out-of-class writing and reading in preparation for class.

As in previous English courses, particular emphasis is placed upon a process approach to writing. Junior AP students will also be expected to write several critical analysis essays on works included in the study of British and World literature. Students will also work in the written modes of analysis and writing that are the focus of the A.P. Language and Composition program; these include rhetorical analysis essays, argument essays and synthesis argument essays. Time will also be spent on the writing of the S.A.T. essay and the essay for college applications. Vocabulary and informal and formal speech activities are, as they are in English 301, part of this accelerated course.

**Students are required to take the College Board AP English Language and Composition exam in May.** A culminating project acts as the final grade for this course. It should also be noted that junior AP English students need not be retained in the program during senior year if they do not sustain a high degree of motivation and/or do not demonstrate above-average aptitude for the material.

**Prerequisite: Prerequisite:** Students must have a 3.0 GPA, an A average in English II or an A- for Honors English II, and a strong recommendation from the student's English 201/202 teacher. This recommendation will evaluate five factors of the student's current year's English performance: grade in English, writing ability, class participation skills, reading comprehension (the ability to analyze and synthesize), and the ability to meet deadlines. On occasion, exceptions may be made to these prerequisites, provided a student submits an appeal to the Chair of the department.

## GRADE 12

### SENIOR ELECTIVES

Non-AP seniors must choose two (2) of the following courses to complete their senior English credit. Non-AP seniors are given priority for admission to semester elective offerings.

The English Department will NOT offer all of the following elective courses each year. Instead, the Department will attempt to offer those courses, which are of the greatest interest to the majority of seniors. **Staffing and scheduling constraints may affect course offerings and availability.**



### **LITERATURE AND FILM - ENG403**

½ credit

This course is designed to explore the relationship between literature and film as it recognizes film as a distinct and valid literary art form. Designed to explore the methods, techniques and processes of great American filmmakers, the course moves students through an examination of a variety of cinematic genres. Students will be encouraged to relate their understandings of literary conventions in their study of film, and will also be asked to read novels in order to study their film adaptations. In their work, students will gain insight into how characters are developed within literature and film. By grasping a more thorough understanding of the creative processes that authors and directors undergo, students will also develop thoughtful and critical approaches to film and media. Students will learn to identify and discuss directorial aspects of filmmaking, such as cinematography, score, costume, editing, sound effects, set design, and prop consistency. Of course, students will also be encouraged to express their reactions to character, acting and dialogue, and are expected to share their critical analysis of each. As they examine film's effect on their imaginations, and as they are encouraged to carefully consider the impact of media on the mind, students will also have the opportunity to develop their own screenplays and/or movie scenes. Through written assignments, classroom discussions, and introductory work in screenwriting/filmmaking, students will develop their understandings of the genre and on media and its powerful impact on social psychology and culture.

### **SCIENCE FICTION LITERATURE - ENG 404**

½ credit

This course offers students the opportunity to examine various works of science fiction and its numerous subgenres. Special emphasis will be placed on the texts' presence in science, history, and modern culture and predications for where those trends will lead. Readings will be examined alongside an assortment of media: film, radio, music, and television. Writing assignments will allow students to explore their own abilities as writers, offering them the chance to assemble their own short works of science fictions based on the topics discussed. Students will also be expected to participate regularly in class discussion and group assignments. Independent reading, research, and public speaking will all be components of the course.

### **SHAKESPEARE - ENG405**

½ credit

This course studies the plays of Shakespeare as literary, dramatic, and cultural texts and develops the student's ability to write in clear, well-argued critical prose. The aim is to rediscover Shakespeare in his own time, while also knowing him as our contemporary, a maker of our culture and a continuing source of pleasure. Students will carefully examine several of Shakespeare's most famous plays. Examples include *Henry IV, Part I*; *Twelfth Night*; *Measure for Measure*; *Titus Andronicus*; *Othello*; *The Winter's Tale*; *Midsummer's Night's Dream*; *King Lear*; and *The Tempest*. Students will write one literary essay per play on mutually agreed upon topics. Other possible activities include integration of music (e.g., Verdi's *Falstaff*; Mendelssohn's *A Midsummer Night's Dream*), study of film adaptations, and/or a field trip to view live

performance.

**CREATIVE AND PERSONAL WRITING – ENG406**

½ credit

This course will examine various forms of personal and creative writing. Certainly, personal writing is one of the most significant means for capturing and expressing the human experience. Memoir, poetry, autobiography, music, journal, film and the personal essay are some of the many ways we have found to express who we are. Since much of a student's scholastic writing has focused on the critical and analytical modes of writing, this course will provide students an opportunity to examine models of personal writing by professional writers. Using these published writers as models, students will, writing intensively, create their own bodies of work. Students will thus sharpen their personal writing skills and develop their voice through their practice in various modes of personal writing. Students will give and use peer feedback and learn and apply a variety of editing and revision strategies to develop their expression and identity on--and off--the page.

**CENSORSHIP IN LITERATURE – ENG408**

½ credit

This course will engage students in a careful reading and critical analysis of works of literature that have been censored or banned around the world. This censoring takes place in schools, libraries and bookstores, and it takes place for a variety of reasons, ranging from religious and political to sexual and social. The aim of the course is to look at books that have been censored and to find the merit in those novels, novels that take students to a place that forces them to confront thoughts and ideas that most people are uncomfortable thinking about. Through the semester, this course will examine some of the more frequently censored or banned books and try to see the issue from both sides of the fence. Course readings include *Harry Potter and the Sorcerer's Stone* by J.K. Rowling, *25<sup>th</sup> Hour* by David Benioff, *Fight Club* by Chuck Palahniuk, *Trainspotting* by Irvine Welsh, and *Requiem for a Dream* by Hubert Selby, Jr. The second part of the course shifts into an intense analysis of Season 1 of HBO's *The Wire*. Students will write response essays flowing out of discussions about their viewing of the show, created by David Simon who, in a recent interview, likened the show's West Baltimore setting to North Philadelphia. Students will thus engage in conversations about the setting of their school neighborhood and have a visit from Lt. Phil Riehl, second-in-command in the Homicide Division of the Philadelphia Police department, himself a huge *Wire* fan who will discuss the realities of life in Homicide and the similarities between the show and real life. The course will thus engage students in a critical analysis of text and context in relevant, interesting ways.

**IRISH LITERATURE - ENG415**

½ credit

This course is designed as an overall study of Irish Literature – concentrating mainly on the 20<sup>th</sup> Century. The course starts with a brief history of Ireland, with an overview of the Clans, the Flight of the Earls, the Ulster Plantation, and, of course, The Great Hunger (An Gorta Mor). The emphasis will then turn to our main focus – the 20<sup>th</sup> century - with the establishment of the Abbey

Theatre, 1916: The Irish Rebellion, and The Troubles. Some of the texts used are *Making History and Translations* – Brian Friel, *The Irish Potato Famine* – Charles Rivers, *Cathleen Ni Houlihan* – William Butler Yeats, *Playboy of the Western World* – John Millington Synge, *Dubliners* and *Portrait of the Artist as a Young Man* - James Joyce. We will be studying the poetry of Padraig Pearse, William Butler Yeats, John Millington Synge, Lady Gregory, and Seamus Heaney. The course will also rely on films and documentaries to provide a vision of events in the North. Some of the films viewed in the course are *1916: The Irish Rebellion*, *In the Name of the Father*, *Michael Collins*, *Some Mother's Son*, and *Hunger*.

**POETRY AND MUSIC IN POSTMODERN CULTURE - ENG416** ½ credit

This course examines the connections among poetry, music, and other aspects of culture in the postmodern world. Students will examine poetic structures as they have evolved from the mid-1900s to today. The course will use themes of postmodernism to analyze how poetry and music have evolved over the past few decades. One of the most important aspects of this course is preparing students for academic writing in the college curriculum. With this in mind, students will not only be expected to analyze and argue in their writing, but will also be instructed on the process of scholarly research and synthesis.

**PUBLIC SPEAKING- ENG417** ½ credit

The Public Speaking senior elective is designed for the serious student who desires to expand his knowledge and appreciation of speaking the English language, particularly in front of groups. A primary goal of the course is to help students develop confidence, not only in speaking in front of groups, but also in gathering and organizing the material they are presenting. Towards the course's primary goal of effective public speaking, students will also learn to be smart listeners and active scrutinizers of information, and in so doing work towards Jesuit education suggests students need to develop "mastery of logical skills and critical thinking." Important classroom discussions will cover the basic elements of logic and rhetorical analysis, which will be applied to statistics, research results, and mass media. While the class will cover the importance of presenting well-organized arguments, the class is not designed for the student with a pronounced interest in forensics and debate. Developing confidence and clarity of thought remains the center of the course's goal.

**AFRICAN AMERICAN LITERATURE - ENG418** ½ credit

This course examines seminal works of African-American Literature from 1900 through the present from a thematic perspective. In it, students will analyze common threads that run through various genres and time periods, including the search for self-identity, the desire for self-definition and determination, the call to social action, the identification of social ills (past and present), and the celebration of race. Students will examine the

cultural and historical trends that inform the thematic issues. The course will introduce students to major works and writers of the contemporary African American canon. Time will be devoted to close reading of texts, independent study of parallel works, and literary discussion of trends in the genre. Further, close study of the cultural context within which this literature has been produced will be conducted, utilizing documentary video, music, and scholarship from other disciplines like sociology, psychology, and history. Students will be expected to write about these insightfully and speak about them adeptly in both class discussion and formal presentation.

**THE CATHOLIC IMAGINATION IN LITERATURE - ENG419** ½ credit

As St. Joseph's Prep presents students with the dynamic opportunity to explore their Catholic identity, this course invites students to consider both the presence of Catholic themes in the course's selected works as well as how a Catholic imagination can serve as a framework for exploring those works. Through personal reflections on their Catholic values in their lives as well as through class discussion, students might find that any definition of "Catholic" involves a consideration of a redemption paradigm at work in the midst of that great trinity of sin, suffering and grace – in whatever mundane form it takes – in the character's journey. As novelist and political historian Peter Quinn writes, "Catholic novels are immersed in the untidy, often sordid world. They don't squint at reality. They don't separate themselves from the democracy of sinners and view existence from the high places where the aristocracy of saints are gathered" (*Commonweal* 2004). It is within this immersion of "the real" that students might recognize the reality of Quinn's question, "What does it mean to speak of Catholic themes and a Catholic perspective in literature?" Students will explore this essential question of the course through the examination of selected works and their own experience of the Catholic faith, in an attempt to arrive at an answer what "being Catholic" means to them.

The goal of the course is to deepen and enrich the students' critical awareness of a particularly Catholic way of reading the word and world, a world, as GC35 states, that is one of "terror, disease, environmental decay and political skepticism – a world of entropy" in which characters "immerse [themselves] in the depths of those dark spaces and thus renew the call to serve 'our house'" (Nadal 742). On that Jesuit note, students will consider how a character's application – successful or failed – of the Principle and Foundation reveals itself a way of proceeding in a character's quest for truth.

**AP ENGLISH IV: LITERATURE AND COMPOSITION - ENG402** 1 credit

Advanced Placement English Literature and Composition, a college-level course, will provide opportunities for students to develop their ability to read critically, think clearly, and write concisely. This course follows the guidelines for the A.P. Literature and Composition program and is designed for students with confidence in their writing ability and a significant interest in critical thinking and writing. A.P. students will study various schools of literary criticism and do readings in literary criticism related to the works they study. During the course, the students will read books that they have not had

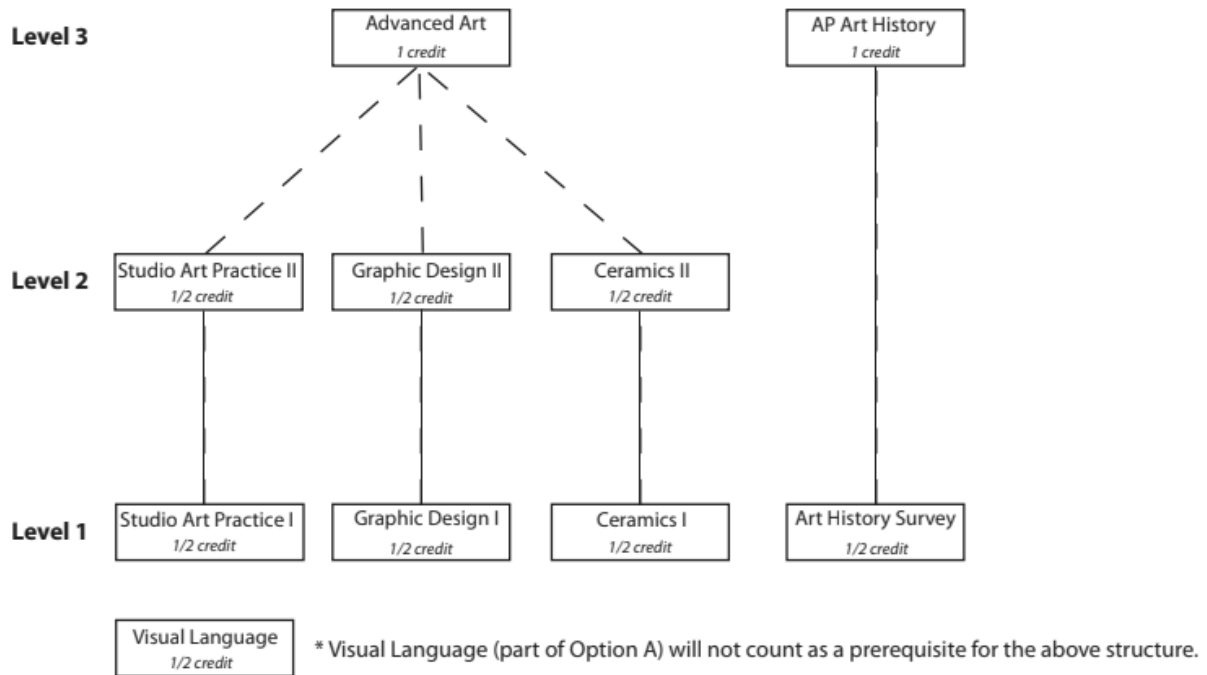
a chance to explore before, exchange ideas with their classmates about the ideas they encounter in these books, and challenge the beliefs and ideas which they currently hold. Students will have the opportunity to read some of the finest poetry, plays, novels, short stories, and essays ever written. They will refine their ability to discover meaning in literature by being attentive to language, image, character, action, argument, and the various techniques and strategies authors use to evoke emotional responses from readers. A.P. Lit. & Comp. students will be expected to justify their interpretations by reference to details and patterns found in the text, to compare their interpretations with those proposed by others, and to be prepared to modify their interpretations as they learn and think more deeply. The mode of instruction is primarily seminar with deep experience in the Socratic Seminar. A.P. Lit & Comp students will also participate in writing workshops, peer review, and revision of their work. Particular emphasis is placed on the process approach to writing. In addition to proficiency in the modes practiced in their three previous years of study, students will write critical analyses, craft the college essay and work in some modes of creative writing. Finally, students will refine their skills in answering multiple choice questions about literature and writing the AP timed-write essay needed for the required A.P. Literature exam in May.

**Prerequisite:** Students must have a 3.33 GPA, an A average in English III or an A- in AP English III, receive a 3 or higher on the AP Language and Composition Test, and secure a strong recommendation from the student's English 301/302 teacher. This recommendation will evaluate five factors of the student's current year's English performance: grade in English, writing ability, class participation skills, reading comprehension (the ability to analyze and synthesize), and the ability to meet deadlines. On occasion, exceptions may be made to these prerequisites, provided a student submits an appeal to the Chair of the department.

## FINE ARTS DEPARTMENT

For the Classes of 2019 and 2020, the Fine Arts requirement will be based on the successful completion of one semester offering in art or music. Starting for the Class of 2021, (Academic Year 2019-2020), the fine arts requirement may be fulfilled by the successful completion of one year long course or two semester courses in art or music. Freshmen may elect to take Studio Foundations (Option 1). Juniors and seniors can take any Studio Art course(s), Art History course(s) and/or Music course(s) for elective credit. Please make sure you meet the prerequisites before selecting a course. Courses are subject to a minimum enrollment and staffing to run. **All courses will be offered each semester but not all courses will run subject to staffing and enrollment.**

St Joseph's Preparatory School  
Visual Arts Course Structure



*The mission of the Fine Arts Department of St. Joseph's Prep is to provide the student with the opportunity to grow in his understanding of himself, the world, and God. This is done in an environment of respect, where the emphasis is placed on the individuals' unique gifts and perspectives. Through an organized systematic artistic process and the development of cultural and historical literacy, the student develops skills of self-expression through practice and the appreciation of techniques in a non-competitive atmosphere. Ongoing dialogue stimulates the student to reflect and question himself, his experiences, his relationships, and his values. This journey of self-discovery creates openness to new ideas and experiences, a broader world-view, and an appreciation of the diversity of human expression. Ultimately the student is empowered to become a responsible and well-informed citizen, with the desire to engage in society and become a co-creator of the world.*

**STUDIO COURSES**

**STUDIO FOUNDATIONS - FAR100**

½ credit

The Studio Foundations course for freshmen centers on exploring art as a language. Art is an important means of expression for all human beings and is a part of our shared heritage. The course focuses on the elements of art, which are the vocabulary of the artist, along with the principles of art, the grammar of the artist. While primarily a studio based course, students will also learn how to evaluate art critically and demonstrate how to describe and analyze it. Historical and contemporary artists and artworks will be viewed and discussed throughout the course in order to provide the students with ideas and inspiration for their own work as well as to build a base of understanding of the evolution of art. Homework assignments will be integral to the program of study and will consist of reading, writing and sketching. Upon successful completion of this course students will be eligible for Studio Art II.

**STUDIO ART LEVEL 1****CERAMICS I - FAR406**

½ credit

Ceramics I introduces students to hand-building forms in clay. Students gain an understanding of the creative possibilities involved with clay as a medium. This course focuses on various methods of working with clay such as pinching, coil and slab building. Sculptural and surface design skills are emphasized. Students are encouraged to explore functional object making, innovative approaches, and personal vision. Historical and contemporary art examples are shown and discussed as inspiration for projects. Upon successful completion of this course students will be eligible for Ceramics II.

**GRAPHIC DESIGN I - FAR408**

½ credit

This course focuses on the creation of graphic design images. The course content emphasizes visual symbols, logos, effective representation and a deep level of questioning surrounding all visual choices and possibilities. Aspects of design that will play a large role are advertising, identity, and communication. A major basis for this course is the process of using and exploring the imagination. Students will learn throughout the semester, how to be thorough, deliberate, and expansive in their visual thinking. Students will be given projects, problems and themes to address and solve. Historical and contemporary examples of design will be viewed throughout the semester for inspiration.

Upon successful completion of this course students will be eligible for Graphic Design II

**STUDIO ART I - FAR425**

½ credit

The objective of this course is for the student to develop visual literacy and artistic behaviors through studio practices while developing the ability to articulate his process through reflection and discussion using the criticism process. This course teaches students how to express and communicate thoughts, emotions, and ideas through a variety of media. The course centers on developing drawing skills. Students will learn



decision-making, compositional, and technical skills. Students are responsible for contributing to the content of the course with their own ideas and a continual reflective process. Art history and visual culture are integrated throughout the semester in order to deepen and broaden the pursuits of creating art.

Upon successful completion of this course students will be eligible for Studio Art II.

## STUDIO ART LEVEL 2

### **CERAMICS II - FAR407**

½ credit

This course is designed as a continuation of Ceramics I. Students will further expand their facility with clay techniques and processes. Wheel throwing and extruding techniques will be introduced in addition to advancing the hand-building methods learned in Ceramics I. Students will be given more responsibility to develop their own artistic ideas, with an emphasis on critical thinking about sculptural forms and the aesthetics of functional ceramics. Higher levels of refinement and craftsmanship will be expected throughout the course.

Upon successful completion of this course students will be eligible for Advanced Art.

**Prerequisite:** Successful completion of Ceramics I

### **GRAPHIC DESIGN II - FAR409**

½ credit

This course is designed as a continuation of Graphic Design I. It allows for longer projects and a more independent studio working environment. While the emphasis in GDI was primarily image, in GDII there is more focus on type (letter-forms, words, and compositional layout). The ability to work with type effectively lends itself to advertising formats such as posters, book covers, business cards, and album covers, which are the basis for various projects that we develop throughout the semester. In this course students begin to build stronger and more individualized design portfolios.

Upon successful completion of this course students will be eligible for Advanced Art.

**Prerequisite:** Successful completion of Graphic Design I

### **STUDIO ART II - FAR426**

½ credit

This advanced studio course explores a wide range of open-ended themes encouraged to nurture the student's own personal and individualistic approach to image making.

Thematic projects promote the student's active role in all creative decisions from subject matter to medium and scale. In this course students concentrate on how color, form, design and composition can be used to describe and communicate ideas through visual means. Students will investigate the use of color emotionally and psychologically for practical and poetic ends.

Upon successful completion of this course students will be eligible for Advanced Art.

**Prerequisite:** Successful completion of Studio Art I

## STUDIO ART LEVEL 3

### **ADVANCED ART - FAR427**

1 credit

Advanced Art is designed for the highly motivated student who is serious about studying art, displays motivation, and demonstrates initiative. Students will build on the skills and knowledge gained in their Level 1 & 2 courses to create an individual body of work in the media of their choice. This course will run as an independent study, requiring students to define their own path of investigation in consultation with the teacher. Assignments will be tailored for each individual's growth. Students may elect to submit their portfolio for Advanced Placement credit. AP Studio Art requirements will be used as a guideline for the course.

**Prerequisites:** Successful completion of a pair of Level I & Level II courses and a portfolio review with the Fine Arts chairperson.

## ART HISTORY COURSES

### **ART HISTORY SURVEY - FAR500**

½ credit

This non-studio course is an overview of various major art historical themes that link art throughout the ages to one another. It is not a chronological or comprehensive survey of art history. We will explore themes such as birth, death, war, & beauty. Within these themes we will learn the practice of analyzing art in terms of style, methods, traditions and innovations within historical contexts and cultures. The course of study involves a great deal of looking at art, as well as asking perceptive questions and engaging in constructive discussion. It will be similar to other history courses in that students will have quizzes, tests and papers as their primary assessments. This semester course is a prerequisite for the full-year AP Art History course.

### **AP ART HISTORY- FAR501**

1 credit

To study Art History is to investigate cultures throughout the world and history, in order to see how they have expressed the human condition in visual form. Gaining an understanding through analysis, questioning and dialogue helps us to better understand this vast array of perspectives. This course is based on the curriculum requirements for the AP Art History Exam and students should expect a rigorous and demanding course. Students will receive a strong grasp of the major periods and movements in art history across cultures. Throughout this course, you will learn the complex practice of decoding and deriving meaning from great works of art. This investigation will lead you to a much richer understanding of the visual world that surrounds us. All students are required to take the AP Art History exam in May.

**Prerequisite:** Successful completion of Art History Survey

## **MUSIC ELECTIVES**

*Music Program Electives are designed with several student profiles in mind. Beginner to intermediate level instrumental musicians (non-percussion, non-vocal) are encouraged to start with "Instrumental Music I" and "Instrumental Music II", which are designed to improve the player's technical skill and knowledge of music theory. Check with program director if you have questions before enrolling.*

*Advanced level instrumentalists, and also all vocalists and percussionists, are encouraged to take "Music Theory and Aural Skills", which is designed to improve theoretical knowledge and overall musicianship. Check with program director if you have questions before enrolling.*

*All students, musicians and non-musicians, may take "Styles and Analysis in Music", which is designed to help us all listen, analyze, reflect, and become more informed consumers of music.*

### **INSTRUMENTAL MUSIC I - FAR418**

½ credit

*Instrumental Music I* is a semester long course intended only for intermediate instrumental musicians who already have a working knowledge of basic music notation and theory. Students must be approved by the program director in order to enroll.

This course is designed to improve the intermediate instrumental musician's technique, sound production, contextual playing ability, and overall musicality. Throughout the semester each student-musician will develop an effective personalized practice routine designed to explore and achieve a progressive series of benchmarks. These benchmarks will be a combination of general music standards, instrument-specific achievements, and personal performance goals (scales, exercises, keys, rhythms, tempos, repertoire, etc). They will be used in both assessing progress and as skill building / technique development tools. In addition to solo performance, each student-musician will also be required to both lead and participate in the class ensemble, which will rehearse and perform both standard repertoire and original works.

Through both the mastery of technical exercises & performance skills, and the exploration of a wide variety of repertoire, the student-musicians will advance their own personal instrumental musicianship and grow into more effective section players.

After successfully completing this course, students will be able to read and notate music; execute technical exercises/scales/modes/chords in all keys at various tempos and time signatures; control sound production, timbre, embouchure, breathing, phrasing, and musicality; tune, repair, and upkeep their instrument; perform melodic & harmonic analysis, transcription, and dictation; analyze and reflect on their own performance and the performance of others.

### **INSTRUMENTAL MUSIC II - FAR421**

½ credit

*Instrumental Music II* is a semester long course intended only for advanced instrumental musicians who have a thorough understanding of music notation and theory, and have

also achieved an acceptable level of proficiency on their instrument. Students must be approved by the program director in order to enroll, or have successfully completed *Instrumental Music I*.

This course is designed to develop the advanced instrumental musician's conceptual understanding of musicianship, technique, composition, and improvisation. Throughout the semester each student-musician will master advanced playing technique through the exploration of high-level instrument-specific repertoire and technique exercises. In addition, they will complete a series of composition and motivic development exercises that will advance their aptitude at creating original music and improvising.

Through directed repetition and refinement of compositional and improvisational devices, each student-musician will improve their effectiveness at using advanced instrumental technique to achieve complete control over their personal creation of musical expression.

After successfully completing this course, students will be able to sight read at a hard to advanced difficulty level; execute advanced exercises/scales/chords/repertoire on their instrument; improvise a well-conceived solo over given chord changes; create and develop a personal musicianship style and sound through the conceptualization of sound and technique components.

#### **MUSIC THEORY AND AURAL SKILLS - FAR416**

1 credit

This course is intended to provide the student with a solid foundation in the two most important areas of a collegiate level music curriculum - music theory and aural skills. The student will master both basic fundamentals and advanced concepts of music theory, notation, melodic/harmonic analysis, rhythmic accuracy, and ear training. Upon successful completion of this course, the student will be able to perform the following skills in order to excel in first year collegiate music theory and aural skills courses: Read and notate music; Identify intervals, chords, scales - both on paper and aurally; Identify various meters, both simple and compound - both on paper and aurally; Take rhythmic, melodic, and harmonic dictation; Perform rhythmic, melodic, and harmonic recitation; Demonstrate knowledge of voicing parts and functions; Perform harmonic and melodic analysis using Roman and Arabic numerals; Compose and arrange simple melodic phrases; Create an accurate transcription of various musical excerpts.

**Prerequisite:** Music Theory and Ear Training is intended only for students who already have a working knowledge of basic music notation and theory. Students must pass an entrance test if they wish to enroll in this course.

#### **STYLES AND ANALYSIS IN MUSIC - FAR417**

½ credit

This course is designed to give the students a general knowledge of the language and

materials of music and music technology. Students will use this knowledge to compare and contrast many different genres, styles, and techniques, as well as develop and articulate informed opinions on how music affects them personally. We will study rhythm, melody, harmony, form, different families of instruments, the characteristics of musical time periods, influential composers and musicians, and genres and styles from around the world. Throughout the course students will also have the opportunity to learn basic music production skills with digital audio workstation software. At the end of the semester, students will complete a final project demonstrating how the concepts studied throughout the semester apply to one of their favorite current artists and reflecting on the ways in which the music of this artist affects them. This is primarily a listening and discussion course, with a strong emphasis on personal experience & reflection on our relationship to music. Upon successful completion of this course, the students will have become more informed consumers of music who are able to accurately analyze and interpret many styles and genres with appropriate musical terminology.

## **HISTORY AND SOCIAL SCIENCES DEPARTMENT**

### **GRADE 9**

#### **WORLD HISTORY - HIS101**

1 credit

The World History course is designed to challenge and enlighten students' understanding of our world's vast array of cultures, civilizations, and societal structures

that have shaped the past until the present day. This course is required of all freshmen in order to provide a broad appreciation of the historical trends and events of the world's major civilizations, with an emphasis on the details of smaller "case-studies" of lesser known regions, societies, and human practices that inform the student of the influential nature of man on his environment. The objective of the course is to involve students not only with these events, but also with all their effectual relations. There is an important emphasis placed on student readings, participation in classroom discussion, and the preparation of carefully selected written projects. A formal term paper is assigned to each student to acquaint him with the nature of historical research and to develop writing skills. Also, the summer reading project will be evaluated in early September.

**Prerequisite:** None

### **AP HUMAN GEOGRAPHY - HIS103**

1 credit

The Advanced Placement Human Geography course is designed to challenge and enlighten students' understanding of our world's vast array of cultures, civilizations, and societal structures with a primary focus on the influence of geography on human development, cultures, and institutions. This course is an elective offered only to pre-selected Freshmen whose verbal and reading scores reflect an ability to meet the rigors of an advanced placement course. The objective of the course is to involve students not only with the role of geography in historical events, but also with the effectual relations of geography upon human institutions. Also, it aims to develop a broad appreciation of the historical trends and events of the world's major civilizations, while studying core concepts and case studies of geography. There is an important emphasis placed on student readings, participation in classroom discussion, and the preparation of carefully selected written projects. A formal term paper is assigned to each student to acquaint him with the nature of historical research and to develop writing skills. Also, the summer reading project will be evaluated in early September. Students are required to take the College Board AP Exam in May.

**Prerequisite:** Class size is limited and admission is offered to pre-selected students based on a departmental review of the students' verbal and reading comprehension scores on the St. Joseph's Prep entrance exam as well as student transcripts.

## **GRADE 10**

### **UNITED STATES HISTORY - HIS201**

1 credit

The United States History course is a survey emphasizing the important social and political factors that have influenced the history of the United States from colonial times to the present. The objective of the course is to have a better understanding of particular decisions that people have made in the past. Emphasis is placed on extensive readings from the textbook and primary source material as the focus for classroom participation and involvement. The goal of the course is to develop an ability to read historical

materials critically, to weigh evidence and interpretations, and to arrive at conclusions based on this evidence and study rather than bias. A formal research paper will be assigned to each student during the year. Also, the summer reading project will be evaluated in early September.

**Prerequisite:** None

### **AP UNITED STATES HISTORY - HIS202**

1 credit

The Advanced Placement course in United States History is offered to selected students during the sophomore year. This course is designed to be a more challenging analysis of the themes and issues found in United States history by making demands on the student equivalent to those of an introductory college course. The students are given a thorough grounding in facts, but go beyond these facts to an examination of their significance and their cause and effect relationships. Emphasis is placed on discussions, selective reading, and working with primary source materials. Students learn to read historical material analytically and critically, to weigh historical evidence and interpretations, and to arrive at conclusions on the basis of facts rather than prejudice. A formal research paper will be assigned to each student during the year. Also, the summer reading project will be evaluated in early September. Students are required to take the College Board AP Exam in May.

**Prerequisite:** Class size is limited and admission is based on a minimum overall GPA of 3.6, a consistent grade of an "A" in World History, or a B+ in AP Human Geography and a departmental recommendation. In addition, a qualifying test may be administered to secure placement.

### **GRADES 11 AND 12**

[Government or AP Government is required.]

### **US GOVERNMENT AND POLITICS - HIS301**

1 credit

The US Government course is designed to give students a critical perspective on government and politics in the United States. The course will commence with an examination of the historical foundations that have helped to shape American government. Also, students will study how and why government functions in American society today. A college level textbook will be used in this course. Additional readings and documentaries will be scheduled for additional insights into current topics. The summer reading project will be evaluated in early September. Also, students will be expected to complete a research paper designed to examine and explain some aspect of this course.

**Prerequisite:** None

### **AP US GOVERNMENT AND POLITICS - HIS402**

1 credit

The Advanced Placement course in United States Government is designed to give students a critical perspective on government and politics in the United States. This

course is designed to be a more challenging analysis of the themes and issues found in United States Government by making demands on the student equivalent to those of an introductory college course. It involves both the study of general concepts used to interpret American politics and the analysis of specific case studies. It also requires a familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality. The course will focus on the constitutional underpinnings of the United States government, political beliefs and behavior, political parties and interest groups, the institutions and policy decisions. In order that students are fully prepared to meet the rigors of college level studies, students will be expected to complete a research paper designed to examine and explain some specific aspects of the course. To test students' analytical skills, the course will require the study of primary source materials, as well as the discussion of assigned articles, which are germane to the course. Students are required to take the College Board AP Exam in May.

**Prerequisite:** Class size is limited. Admission is based on departmental recommendation, counselor recommendation, and a review of grades in departmental classes.

### **GRADES 11 or 12**

[Elective courses]

#### **AP EUROPEAN HISTORY - HIS403**

1 credit

The Advanced Placement course in European history is offered to select students during their junior or senior years. The requirements of this course resemble the demands on the student equivalent to those of an introductory college course. The goals of the course are threefold: a) to familiarize the students with a sense of the past and to explain present day Europe in light of its history; b) to acquaint students with the methods of inquiry used by historians; and; c) to develop more fully the faculties of critical thinking. A formal research project will be assigned to each student during the year. Also, the summer reading project will be evaluated in early September. Students are required to take the College Board AP Exam in May.

**Prerequisite:** Admission is based on a minimum overall GPA of 3.2, an average grade of a "B" in prior History department courses, and a departmental recommendation. Space may be limited. Priority will be given to seniors who meet the course requirements.

#### **MODERN US HISTORY - HIS406**

½ credit

The Modern US History course is designed to study the history of the United States since the First World War, with emphasis on interpretation and analysis of the material by contemporary historians. Students will acquire a basic understanding of the factual material before embarking on discussions or offering opinions. The topics, which includes both the studies of history and current events, are an attempt to gain perspective on the present political, economic, and social developments in recent United States history. Also, a formal research paper will be assigned to each student. This course will



run during the first semester only.

**Prerequisite:** Space may be limited. Priority will be given to seniors.

### **THE MODERN WORLD - HIS407**

½ credit

The Modern World course examines the histories of the major countries in the world and their relations to the US from the First World War to today. Political, economic, and social developments throughout the world will be the principal focus. Also, a formal research paper will be assigned to each student. This course will be offered in the second semester only.

**Prerequisite:** Space may be limited. Priority will be given to seniors.

### **US INTELLIGENCE AND THE COLD WAR - HIS409**

½ credit

The US Intelligence and the Cold War course examines the structure and functions of the US Intelligence Community and its role in the Cold War. In particular, the course will introduce students to the various organizations that make up the US Intelligence Community, and the various methods by which these organizations collect, analyze, and disseminate information for the end users such as the military, the President, and Congress. Particular emphasis will be on the Central Intelligence Agency. The course will further look at actual historical events during the Cold War period and examine the role that the Intelligence Community played in helping shape those events. The course will also introduce students to the world of counterintelligence, as it will examine the individual cases of “traitors and defectors” who had an impact on the Cold War. The course incorporates a number of selective reading assignments, primary source material, imagery analysis and operative simulations. A formal research paper will be assigned to each student.

**Prerequisite:** Space may be limited. Priority will be given to seniors.

### **AP PSYCHOLOGY - PSY401**

1 credit

This course will introduce students to the systematic and scientific study of the behavior and the cognitive processes of humans and animals. Psychology will be presented as both a theoretical and a practical science. Students will examine significant psychological research and learn how psychology impacts everyday lives. Major topics of study include: research methods and statistics, neuroanatomy and brain physiology, human development, sensation and perception, states of consciousness, learning, memory, thinking and language, intelligence, motivation, emotion, personality, abnormal behavior and psychopathology, psychotherapy, stress and coping, and social psychology. This course will use a combination of lectures, demonstrations, class discussions, research articles, and videos. A critical component of this class will be assigned reading and written assignments.

**Prerequisite:** Minimum of a 3.75 cumulative GPA, an A in Biology, and the instructor’s approval. Space may be limited. Priority will be given to seniors who meet the course requirements.

### **INTRODUCTION TO ECONOMICS - HIS408**

½ credit

This course is a survey of the fundamental concepts of Microeconomics and Macroeconomics. It is intended to provide a general understanding and working knowledge of economic concepts needed for living in a market economy.

Microeconomics focuses on the decision making process of a single individual, household, firm, industry, or level of government. Macroeconomics is the branch of Economics that studies decision-making by the economy as a whole. The two branches of Economics are related, as the overall economy is a sum of its parts. As a social science, this course analyzes how individual choices affect the overall economic conditions facing society. Also, formal writing will be assigned to each student to investigate current issues. This course is conceptual and has no math prerequisites. This course runs both semesters.

**Prerequisite:** Space may be limited. Priority will be given to seniors.

### **INTRODUCTION TO PSYCHOLOGY - PSY402**

½ credit

Psychology is a broad and fascinating science. This one semester course will examine how the field of psychology informs our understanding about human behavior, emotions and cognition and impacts our everyday lives. The course will use a combination of interactive lectures, handouts, assigned readings, written assignments, and videos to study a variety of contemporary topics including: applying the scientific method of inquiry to behavior, cognition and emotion; basic neuroscience and physiology; human development across the lifespan; learning, memory, motivation; intelligence and language development; emotion, stress and wellness; and psychological disorders and treatment.

Assessment methods: In addition to major tests, quizzes, and a final examination, students will be required to complete a formal 4-6 page research paper. Please note, *Introduction to Psychology* is a one semester course that fulfills only an “elective” requirement. This course will be offered each semester.

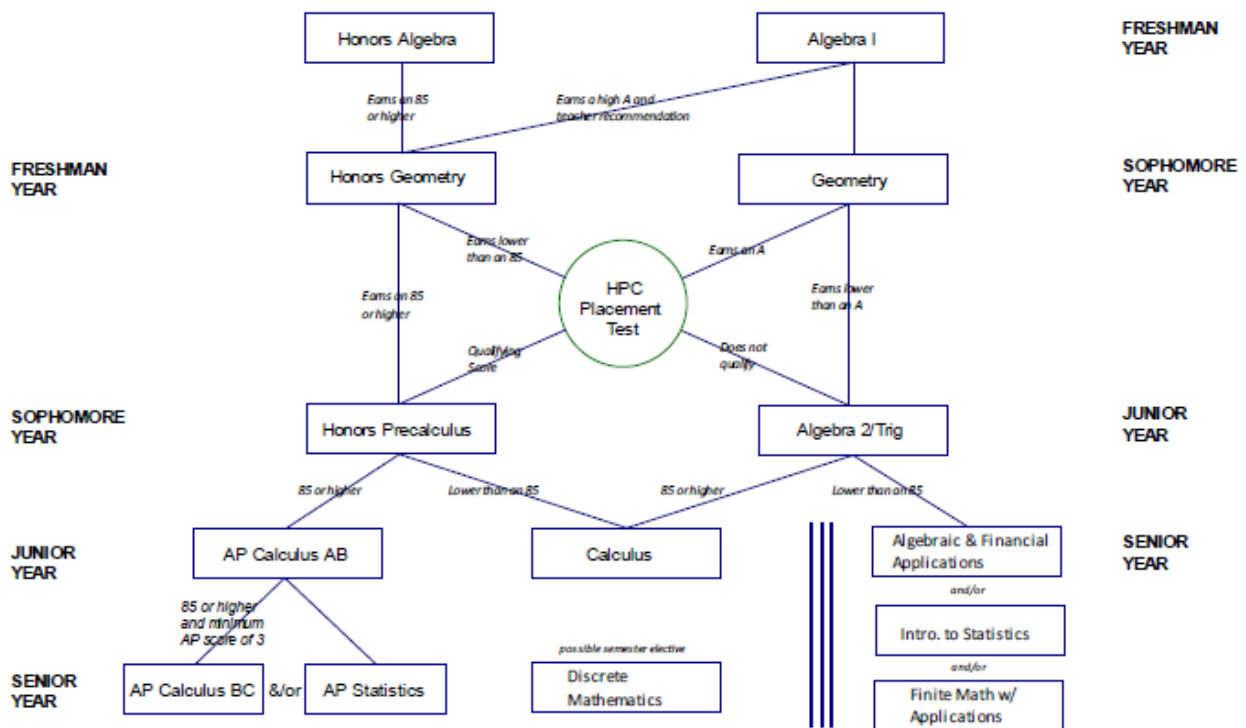
**Prerequisite:** Space may be limited. Priority will be given to seniors.

## **MATHEMATICS DEPARTMENT**

In the spring, prior to the start of one’s freshman year, all incoming freshmen are required to take a qualifying exam to determine proper course placement in mathematics. Based on the results of this exam, the students may be placed in Algebra, Honors Algebra or Honors Geometry. The expected progression of each of these placements is listed below.

**ADVANCED/HONORS PLACEMENT**

**STANDARD PLACEMENT**



This flowchart shows the expected progressions of each placement, please note that a student must earn at least an 85 average in order to remain in the Advanced/Honors courses. If a student fails to maintain the required average, proper placement will be discussed by the Department Chair and Assistant Principal. In order to move into Honors or Advanced courses from a Regular Placement course, a student must earn a high A in his previous math course and receive approval from members of the Mathematics Department.

**MATHEMATICS COURSES**

**ALGEBRA I - MAT101**

1 credit

This course introduces students to the fundamentals of the language of mathematics and the applications of this language to the solution of problems. Topics include the order of

operations; properties of real numbers; polynomials; factoring; operations with rational expressions; solutions of quadratic equations by factoring, completing the square, and the quadratic formula; graphs of inequalities; solutions of systems of equations by graphing, substitution and elimination. Special emphasis is given to the solution of verbal problems as applications of techniques taught throughout the year.

**Prerequisite:** None

**HONORS ALGEBRA - MAT102**

1 credit

The course includes an accelerated review of Algebra I topics along with the introduction of all the major topics included in a traditional Algebra II course including graphical translations; polynomial equations; radical functions and rational exponents; exponential and logarithmic functions; advanced factoring; complex numbers and set notation. This course is for students who have special talent and proficiency in mathematics and who have had significant exposure to Algebra prior to 9th grade.

**Prerequisite:** Performance on the Math Placement Test

**GEOMETRY - MAT201**

1 credit

This course introduces students to the traditional Euclidean properties of plane and space figures and strives to give students an appreciation for the nature of deductive proof and its importance in mathematics. Topics include congruence; similarity; parallel lines; area of these apply to triangles, quadrilaterals, other polygons, circles; volume of prisms, pyramids, cylinders, cones and spheres; and right triangle trigonometry. This course provides a review of certain Algebra I topics, including writing the equations of lines and solving systems of equations.

**Prerequisite:** MAT 101 or 102

**HONORS GEOMETRY - MAT202**

1 credit

This course covers all the concepts covered in MAT 201 in greater depth with an emphasis on the construction and application of formal proofs. Concepts are presented at an accelerated pace which allows the introduction of a greater variety of topics including Trigonometry, Coordinate Geometry and Conic Sections.

**Prerequisite:** 85 in MAT 101 or high A in MAT 102; subject to departmental approval

**ALGEBRA II/TRIGONOMETRY - MAT301**

1 credit

This course combines the content of a traditional Algebra II course including graphical translations; polynomial equations; radical functions and rational exponents; exponential and logarithmic functions; advanced factoring; complex numbers; and trigonometry. The concepts of relation and function are stressed throughout the course and many concepts are presented using graphs of functions to give visualizations of the ideas. All students will be required to have a graphing calculator.

**Prerequisite:** MAT 201 or 202

**ALGEBRA II - MAT303**

1 credit

This course combines the content of a traditional Algebra II course including graphical translations; polynomial equations; radical functions and rational exponents; exponential and logarithmic functions; advanced factoring; complex numbers;. The concepts of relation and function are stressed throughout the course and many concepts are presented using graphs of functions to give visualizations of the ideas. All students will be required to have a graphing calculator.

**Prerequisite:** MAT 201 or 202 and Math Department approval

**HONORS PRE-CALCULUS - MAT302**

1 credit

This course is designed for specially qualified students who have demonstrated above-average ability and interest in mathematics and who have a strong desire to study Calculus [particularly AP Calculus] in the following year. The course presents content similar to that in MAT 301, but does so more rigorously. Students are also expected to encounter more challenging exercises and homework assignments. All students will be required to have a TI-89 graphing calculator.

**Prerequisite:** 85 in MAT 202 or passing score on placement test offered in the Spring

**CALCULUS - MAT402**

1 credit

This course will cover many pre-calculus topics in detail including a review of functions, trigonometry and the transcendental functions. The course will also cover many calculus topics including limits, the derivative and its many applications, and an introduction to the integral. All students will be required to have a graphing calculator.

**Prerequisite:** MAT 302 or 85 in MAT 301; subject to departmental approval

**AP CALCULUS AB - MAT403**

1 credit

This course follows the syllabus for AP Calculus AB established by the Advanced Placement Program of the College Board. Limits, derivatives, integrals, and their applications will be studied. All students who take the AP Calculus course are required to have a TI-89 graphing calculator and to take the AP examination given in May.

**Prerequisite:** 85 in MAT 302; subject to departmental approval

**AP CALCULUS BC - MAT404**

1 credit

This course follows the syllabus for AP Calculus BC established by the Advanced Placement Program of the College Board. It is intended for those students who have already completed MAT 403. Major topics to be covered are Integration techniques such as trigonometric substitution and partial fractions, convergence and divergence of infinite series, Taylor and Maclaurin series, approximation of definite integrals by series or by Simpson's Rule and applications of differentiation and integration on curves defined parametrically or in polar coordinates. All students taking the course must have a TI-89 graphing calculator and must take the AP examination in May.

**Prerequisite:** 85 in MAT 403 and minimum score of 3 on the AP Calculus AB test; subject to departmental approval

**AP STATISTICS - MAT408**

1 credit

This course will follow the syllabus for AP Statistics established for the Advanced Placement Program of the College Board. All students will be required to take the AP Statistics Exam in May. The topics for the course are divided into four major themes: exploratory analysis, planning a study, probability, and statistical inference. Special emphasis is placed upon practical applications and the ability to detect statistical bias when reading interpretations of data. Students will be required to have a TI-89 graphing calculator.

**Prerequisite:** MAT 403, 85 in MAT 302 or high A in MAT 402; subject to departmental approval

**FINITE MATHEMATICS WITH APPLICATIONS - MAT412**

½ credit

This course will focus on topics that students will generally see in their college Math courses through the lens of technology. Such topics include relations and functions, number systems, matrices, probability and statistics, and topics in business math. Students will become proficient in the use and application of technology such as graphing calculators, Microsoft Excel, and Google Sheets. The course will also present a brief overview of beginning computer programming using Python.

**Prerequisite:** Departmental approval; *must be taken in conjunction with MAT 414.*

**ALGEBRAIC AND FINANCIAL APPLICATIONS - MAT414**

½ credit

This course is geared toward students interested in business or the life and social sciences. It begins with the study of the mathematics of finance including, but not limited to, compound interest formulas, annuity formulas and loan payment formulas. Time is spent on the properties of and operations with matrices. This matrix theory is applied to the solution of multi-variable linear systems and in the Simplex Method of linear programming.

**Prerequisite:** MAT 301 or 302

**INTRODUCTION TO STATISTICS - MAT416**

½ credit

This course is geared toward students with an interest in the laws of probability and statistics but who may not qualify for AP Statistics or do not have an interest in taking a full year course. The course explores the ideas of sample space, permutations, combinations and conditional probability (Bayes' Theorem). Additional topics that are developed are random variables, frequency and probability distributions, means, variances, standard deviations and normal and binomial distributions.

**Prerequisite:** MAT 301 or 302

## **TOPICS IN DISCRETE MATHEMATICS - MAT418**

½ credit

Discrete mathematics and its applications is one of the most rapidly expanding areas in the mathematical sciences. The modeling and understanding of finite systems is central to the development of the economy, computer science, the natural and physical sciences, and mathematics itself. This course is geared toward students interested in business, social sciences, or life sciences. They will learn how mathematics plays such an important role in these fields. The course is intended to introduce students to discrete mathematics and its importance in today's world. The topics and mathematical ideas the students will learn in this class lie outside of the typical high school math curriculum.

**Prerequisite:** MAT 403 (AP Calculus AB) or concurrent enrollment in MAT 403; subject to departmental approval

**Note: Departmental approval is based on grade history and teacher recommendations**

## MODERN LANGUAGE DEPARTMENT

### Level I (Spanish, French, German, Mandarin Chinese)

<u>SPANISH I - MLA203</u>	1 credit
<u>FRENCH I - MLA201</u>	1 credit
<u>GERMAN I - MLA202</u>	1 credit
<u>MANDARIN CHINESE I - MLA501</u>	1 credit

The aim of the Level I course is to stress the four skills of listening, speaking, reading and writing in the target language. Students become familiar with common expressions and vocabulary, as well as basic sentence structures and tenses of verbs. The course also offers an introduction to the culture, civilization, and geography of the countries where the target language is spoken.

### HONORS SPANISH I - MLA204 1 credit

Students admitted to Honors Spanish I will follow the normal Spanish I syllabus in a more accelerated fashion. In addition, the student may be responsible for monthly writing assignments and a final project/presentation in Spanish.

**Prerequisite:** Incoming freshmen should have completed at least two years of Spanish at the elementary level. They must provide information about the Spanish courses taken at their elementary school and provide a letter of recommendation from their modern language teacher. Students having no prior Spanish experience *may* apply for placement, based on recommendations and grades from eighth grade.

### HONORS FRENCH I - MLA205 1 credit

Students admitted to Honors French I will follow the normal French I syllabus in a more accelerated fashion. In addition, the student may be responsible for monthly writing assignments and a final project/presentation in French.

**Prerequisite:** Incoming freshmen should have completed at least two years of French at the elementary level. They must provide information about the French courses taken at their elementary school and provide a letter of recommendation from their modern language teacher. Students having no prior French experience *may* apply for placement, based on recommendations and grades from eighth grade.

### Level II (Spanish, French, German, Mandarin Chinese)

<u>SPANISH II - MLA303</u>	1 credit
<u>FRENCH II - MLA301</u>	1 credit
<u>GERMAN II - MLA302</u>	1 credit
<u>MANDARIN CHINESE II - MLA502</u>	1 credit



This course is conducted almost entirely in the target language. Communication skills are expanded to an intermediate level. Students learn to function in a real-life context, building vocabulary skills that help them to function in practical situations. Class activities include small group work, individual and group writing projects, as well as individual projects that enhance the students' appreciation of the culture and civilization of the target country.

**Prerequisite:** Successful completion of Level I. *Incoming freshmen or current freshmen may be required to take a placement test for admission to this course without having completed Level I at The Prep.*

**HONORS SPANISH II - MLA304**

1 credit

In this course, students cover the syllabus for Spanish II at a more accelerated pace and may be required to complete monthly writing assignments and a final project/presentation in Spanish.

**Prerequisite:** Completion of level I at the Prep and an "A-" average or higher in Spanish I as of the third quarter. Approval of the Spanish I instructor is required. In certain situations, a student with a "B+" who has demonstrated proficiency and interest in the language may be admitted to this course with the recommendation of the Spanish I instructor and the approval of the department chair. Incoming freshmen or current freshmen may be required to take a placement test for admission to this course without having completed level I at the Prep. *Incoming freshmen or current freshmen may be required to take a placement test for admission to this course without having completed Level I at The Prep.*

**HONORS FRENCH II - MLA305**

1 credit

In this course, students cover the syllabus for French II at a more accelerated pace and may be required to complete monthly writing assignments and a final project/presentation in French.

**Prerequisite:** Completion of level I at the Prep and an "A-" average or higher in French I as of the third quarter. Approval of the French I instructor is required. In certain situations, a student with a "B+" who has demonstrated proficiency and interest in the language may be admitted to this course with the recommendation of the current instructor and the approval of the department chair. Incoming freshmen or current freshmen may be required to take a placement test for admission to this course without having completed level I at the Prep. *Incoming freshmen or current freshmen may be required to take a placement test for admission to this course without having completed Level I at The Prep.*

**LEVEL III (Spanish, French, German, Mandarin Chinese )**

**SPANISH III - MLA403**

1 credit

**FRENCH III - MLA401**

1 credit

**GERMAN III - MLA402**

1 credit

**MANDARIN CHINESE III - MLA503**

1 credit

The Level III course is conducted almost entirely in the target language. Advanced grammatical concepts and vocabulary help the students to improve their accuracy in listening, speaking, reading, and writing in the target language. Students develop the ability to express their needs and preferences and to carry on extended conversations. Short stories, articles, videos and other materials may be used to strengthen skills and further develop cross-cultural awareness.

**Prerequisite:** Successful completion of Level II.

**HONORS SPANISH III - MLA404**

1 credit

This course is conducted almost entirely in Spanish. In addition to the normal Spanish III syllabus, intensive reading and writing exercises, as well as frequent presentations in Spanish, will be required.

**Prerequisite:** Completion of level I and level II at the Prep and an "A-" average or higher in Spanish II at the end of the third quarter. Approval of the Spanish II instructor is required. In certain situations, a student with a "B+" who has demonstrated proficiency and interest in the language may be admitted to this course with the recommendation of the Spanish II instructor and the approval of the department chair.

**HONORS FRENCH III - MLA409**

1 credit

This course is conducted almost entirely in French. In addition to the normal French III syllabus, students engage in writing/speaking projects on a monthly basis and must complete a project/presentation in French at the end of the year.

**Prerequisite:** Completion of level I and level II at the Prep and an "A-" average or higher in French II at the end of the third quarter. Approval of the French II instructor is required. In certain situations, a student with a "B+" who has demonstrated proficiency and interest in the language may be admitted to this course with the recommendation of the French II instructor and the approval of the department chair.

**LEVEL IV (Spanish, French, German, Mandarin Chinese )**

**SPANISH IV - MLA 405**

1 credit

**FRENCH IV - MLA 406**

1 credit

**GERMAN IV - MLA 407**

1 credit

**MANDARIN CHINESE IV/V - MLA504/MLA505**

1 credit

This advanced course is conducted entirely in the target language. A variety of literary, historical and cultural readings are used to increase the student's facility in using the language. Advanced grammar topics are introduced to help the student to become a more proficient writer. Participation in class discussions is emphasized and frequent student presentations in the target language are expected. Several feature films may supplement the course material.

**Prerequisite:** Successful completion of Level III.

**AP SPANISH IV - MLA411**

1 credit

The Advanced Placement Spanish Language course covers the equivalent material of a college-level course. This advanced course is conducted entirely in Spanish and students are expected to be proficient in listening, speaking, reading and writing. Advanced grammar and vocabulary are thoroughly reviewed and serve as the basis for advanced writing and a survey of Spanish/Hispanic literature. Students will complete various writing assignments and projects during the course. They are also required to take the College Board AP Examination in May.

**Prerequisite:** Completion of level I, level II, and level III at the Prep and an "A-" average or higher in Spanish III as of the third quarter. Approval of the Spanish III instructor is required. In certain situations, a student with a "B+" who has demonstrated proficiency and interest in the language may be admitted to this course with the recommendation of the Spanish III instructor and the approval of the department chair.

**HONORS SPANISH IV - MLA408**

1 credit

This advanced course is conducted entirely in Spanish. A variety of literary, historical, and cultural readings are used to increase the student's facility in the language. Advanced grammar and vocabulary are thoroughly reviewed and serve as a basis for advanced writing and a survey of Spanish/Hispanic literature. In addition to the normal Spanish IV syllabus, intensive reading and writing exercises, as well as frequent presentations in Spanish, will be required.

**Prerequisite:** Completion of level I, level II, and level III at the Prep and an "A-" average or higher in Spanish III at the end of the third quarter. Approval of the Spanish III instructor is required. In certain situations, a student with a "B+" who has demonstrated proficiency and interest in the language may be admitted to this course with the recommendation of the Spanish III instructor and the approval of the department chair.

**HONORS FRENCH IV - MLA410**

1 credit

This advanced course is conducted entirely in French. A variety of literary, historical, and cultural readings are used to increase the student's facility in the language. Advanced grammar and vocabulary are thoroughly reviewed and serve as a basis for advanced writing and a survey of literature from France and other francophone countries. Students will complete various writing assignments and projects during the course.

**Prerequisite:** Completion of level I, level II, and level III at the Prep and an "A-" average or higher in French III at the end of the third quarter. Approval of the French III instructor is required. In certain situations, a student with a "B+" who has demonstrated proficiency and interest in the language may be admitted to this course with the recommendation of the French III instructor and the approval of the department chair.

### **MANDARIN CHINESE V - MLA505**

1 credit

This course continues to build on the skills developed in Mandarin Chinese IV. Communication skills are deepened at an intermediate level. Students enhance their knowledge of speaking, recognition, listening comprehension skills, as well as writing system of Mandarin Chinese characters and the Latinized pinyin writing system. Students learn to function in a real-life context, building vocabulary skills that help them to function in practical situations. Class activities include small group works, individual and group speaking projects, as well as individual projects that enhance the student's appreciation of the culture and civilization of the target country.

**Prerequisite:** Completion of Chinese I, II, III, and IV at the Prep. Any student wishing to take this course without this earlier course at the Prep will be required to take a placement test for admission, which includes speaking, listening comprehension and writing sections.

### **Senior Electives**

#### **San Ignacio de Loyola - MLA601**

½ credit

This course is an introduction to the works of Saint Ignatius of Loyola, the founder of the Society of Jesus and it is intended for students with a strong knowledge of Spanish. We will focus on St. Ignatius' autobiography as it was told to Luis González de Cámara between 1553 and 1556 and we will complement this text with some of his letters and excerpts of his *Spiritual Exercises* and the *Constitutions*. We will analyze and reflect on St. Ignatius' work through a close reading of selected passages in their original language as well as translations of St. Ignatius' texts. This discussion-based class will be held in English and Spanish. The requirements for this course include weekly writing assignments, presentations and a final paper. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the Departmental language requirement.

**Prerequisite:** Juniors and Seniors who have completed Spanish III.

#### **Literatura y cine en el mundo hispano - MLA602**

½ credit

##### **Hispanic world: Literature and Film**

This is an advanced elective course designed to expand the student's vocabulary and refine his communicative skills to express fully ideas and thoughts. The student will further develop his ability to read, analyze and offer comments on a text, and he will write critical essays based on contemporary literary works from the Spanish-speaking world. In addition to reading short stories, poems, plays and novels, the student will learn more about key literary, cultural and social issues through films and journalistic articles. Active participation is an essential element for success in this course. This course, which is open to both juniors and seniors, is a free elective that does not satisfy the Departmental language requirement.

**Prerequisite:** Juniors and Seniors who have completed Spanish III.

**PHYSICAL EDUCATION AND HEALTH**

<b>PED 101</b>	1 credit
<b>PED 201</b>	1 credit
<b>PED 301</b>	1 credit
<b>PED 401</b>	1 credit

In the Health Education component at St. Joseph's Prep, students are provided with information, which will enable them to assess their own philosophies of health, and from this to develop personal values conducive to a healthy mind and body. Health Education at St. Joseph's Prep is handled in an inter-disciplinary approach. Units and programs are provided for our students in the Religion and Science departments, as well as the Counseling Department and assembly programs. The four-year program provides learning in the areas of human sexuality, drug and alcohol education, life and career application, stress and mental health, and nutrition and physical well-being.

The Physical Education offerings at The Prep consist of inter-scholastic sports; school administered intramural programs, and a variety of club activities and events that have a physical activity component to them. In order for a student to satisfy their physical education requirement, annual participation in any of those programs must equal (20) hours. One may elect to participate in one or a combination of inter-scholastic sports, school administered intramural programs, or any of the various clubs, activities, and events offered. Opportunities to meet this requirement are offered in the fall, winter and spring seasons. Details on the program will be presented at the beginning of the school year. A log of student participation hours will be kept for sports teams, intramural programs, as well as by club and activity moderators. Participation in Health and Physical Education programs over a four-year period must equal 80 hours.

## RELIGIOUS STUDIES DEPARTMENT

### GRADE 9

#### RELIGIOUS EXPERIENCE AND THE TORAH - REL101

1 credit

The curriculum is divided into four components: world religions, overview of Catholicism and Ignatian spirituality, Hebrew Scriptures and human sexuality. To address the freshman's rapid emotional, intellectual and spiritual growth, the course begins with an investigation of the nature of religion, especially as a universal phenomenon in all cultures, then continues with a survey of the world's major religions, including a review of key Catholic doctrines. Students will also be introduced to key points of Ignatian spirituality to prepare them for the Sophomore Conversation, a program of service and reflection on the five characteristics of the "Graduate at graduation" conducted in sophomore year. Focusing on the first five books, the Hebrew Scriptures will be studied from the perspective of modern biblical scholarship and will introduce students to a mature awareness of divine revelation and the role of scripture in shaping a contemporary image of God as a compassionate Father. The final component addresses the maturing adolescent's sexual identity in an attempt to complement earlier education in the home and at school and treats both physical and moral issues.

**Prerequisite:** None

### GRADE 10

#### THE NEW TESTAMENT AND SACRAMENTS OF INITIATION - REL201

1 credit

Sophomore students continue their study of divine revelation by focusing on the Christian scriptures as an outgrowth of the early Christian community's experience of God in Jesus. Using available secular, historical, and linguistic scholarship, students will study the essential underlying message contained in the Christian scriptures in an attempt to deepen each student's spirituality by placing him in the presence of the biblical Jesus as he was viewed by the early Christian community. In addition to these written records of the Christian message, students will also consider the Christian community's rituals of worship, the sacraments, focusing on the sacraments of initiation: Baptism, Confirmation and Eucharist. The sacraments will be viewed as personal encounters with Christ as well as institutional rituals that have developed over the course of the church's history. Elements of Hebrew wisdom and prophetic literature will also be introduced in the context of Jesus' teaching and mission.

**Prerequisite:** None

## GRADE 11

### **CHURCH HISTORY - REL301**

½ credit

Students will develop a mature sense of the history, evolution and continuity of the Roman Catholic Church as a community of believers in Jesus and His way of life. In addition to institutional changes in the church's history, major theological developments which have affected the life, beliefs and ritual practices of Catholics are considered, including special challenges faced by the church, both internally and in its relation to the world. The course is intended to help students locate their roots in the Christian community, give them a sense of how the church came into being as an institution, and help them appreciate the role of the church in shaping today's world.

**Prerequisite:** None

### **CHRISTIAN ETHICS - REL302**

½ credit

Students will examine the process of Catholic Christian moral decision-making. Topics will include the methods of decision-making, Christian principles derived from Scripture and tradition, conscience, sin, and Jesus as the model of moral behavior. These concepts will be applied to specific areas of moral concern including bioethical and sexual issues, with a major concentration on social justice issues such as poverty, capital punishment, business ethics, the environment, discrimination and warfare.

**Prerequisite:** None

## GRADE 12

### **SYSTEMATIC THEOLOGY - REL401** [Required]

½ credit

This course examines and explains fundamental Catholic beliefs, their origin, meaning and purpose. Special attention is paid to the developmental character of these beliefs and the need for a personal response by each student.

**Prerequisite:** None

## Senior Electives

### **BIOETHICS - REL403**

½ credit

Within the context of the Roman Catholic moral tradition, students will examine contemporary medical-moral issues, especially as they impact both the student's life and society at large. In addition to shaping informed and responsible personal conclusions, social policies will also be evaluated. Early in the course, students will acquire an understanding of key concepts necessary for analyzing issues clearly and comprehensively. Issues treated include abortion, treatment of handicapped infants, death and the dying process (including physician-assisted, or rational, suicide), care for the elderly, organ transplants, genetic engineering/reproductive technologies, and health care reform. A final theme will be holistic health care and the internal, natural

capacity for self-healing.

**Prerequisite:** None

**ETHICS OF WAR AND PEACE - REL404**

½ credit

This course will utilize the insights of depth psychology, spirituality and social ethics to grapple with the fascination and fear regarding the warrior within each of us. How can this inner Warrior be directed to assist the person in the human journey without destroying oneself or others? Once this internal investigation takes place, then the ethical examination regarding the role of the warrior in society is discussed. This course will focus upon the Roman Catholic ethical tradition which includes the teachings on pacifism, just war and holy war. Films, case studies and current events will be used to highlight the role of conscientious decision making. The student will be challenged to personally reflect and apply course material to his own life journey. The practice of Mindfulness will be integrated into the course to assist the students in developing a greater sense of inner calm and compassionate listening needed to negotiate the inevitable demands of this complex world.

**Prerequisite:** None

**THE IGNATIAN WAY - REL407**

½ credit

This course seeks to provide students with an intellectual awareness, heart-felt sense, and personal experience of the various facets of the Ignatian charism. It proposes a way of life that is learned primarily through practice. The course covers the life of Ignatius of Loyola, the graces and dynamics of the Spiritual Exercises, the gathering of the First Companions and the founding of the Society of Jesus, early and contemporary expressions of the Society's apostolic mission, the lives of notable Jesuits (Francis Xavier, Mateo Ricci, Roch Gonzalez, Walter Cizek, Ignacio Ellacuría, Karl Rahner, and Pedro Arrupe), and various themes associated with Ignatian Spirituality.

**Prerequisite:** None

**NATIVE AMERICAN SPIRITUALITY - REL408**

½ credit

In this course, students are introduced to the spirituality, culture and history of Native Americans with a focus on the Lakota nation. Major elements of Lakota religion will be compared to aspects of Catholicism. Students will examine the Lakota view of God, creation stories, and other myths and rituals. Issues of justice in relation to Indian reservation life will also be analyzed through the lens of Catholic social teaching. As part of the class experience, students have the opportunity to attend an, optional, eight-day immersion trip to the Pine Ridge Indian Reservations, at which students will participate in Lakota ceremonies and community service, visit historical sites and hear from residents of the reservation. The trip is limited to 12 students who enrolled in, and completed, the class. Those seeking to attend the trip must go through the application and be formally accepted.



## SCIENCE DEPARTMENT

### GRADE 9

#### PHYSICAL SCIENCE - SCI101

1 credit

Physical Science is a two semester course designed for most incoming freshmen. It reinforces and reviews a student's elementary science education, then shifts the focus of attention to more complex scientific principles and devices which illustrate technical applications. The purpose of this course is to develop an understanding of natural laws in the student who will observe natural phenomena and collect information by performing simple experiments in chemistry and physics. The scientific method of investigation will be applied especially in the study of motion, energy, and matter. The student will search for regular patterns in experimental results using basic math skills and the metric system of measurement. Upon completion of this course, a student should be able to make accurate observations, use problem-solving techniques, and reason to a logical conclusion; thus, he will be better prepared for future science courses in the school's program of studies.

**Prerequisite:** None

#### BIOLOGY - SCI102

1 credit

This course is an introduction to the life sciences. Its major objective is to give the student an appreciation and understanding of life processes. The introductory course focuses on several themes in the life sciences: diversity and the unity of life, interdependence of organisms, evolution and science as a process. Topics include molecular biology, molecular genetics, cell biology, metabolism, classical genetics, microbiology, botany, zoology and human biology. Library skills and internet research are emphasized for projects and reports. Laboratory work using the scientific method with an emphasis on data analysis is emphasized. The scientific method is highlighted in learning how to write a lab report. Laboratory work is an integral part of the course with students developing skills with the microscope during the first semester and proper dissection technique during the second semester.

**Prerequisite:** Based on Scholarship-Entrance Exam and Qualifying Test

### GRADE 10

#### SUMMER BIOLOGY - SCI201

1 credit

This course is an introduction to the life sciences. Its major objective is to give the student

an appreciation and understanding of life processes. The introductory course focuses on several themes in the life sciences: diversity and the unity of life, interdependence of organisms, evolution and science as a process. Topics include molecular biology, molecular genetics, cell biology, metabolism, classical genetics, microbiology, botany, zoology and human biology. Library skills and internet research are emphasized for projects and reports. Laboratory work using the scientific method with an emphasis on data analysis is emphasized. The scientific method is highlighted in learning how to write a lab report. Laboratory work is an integral part of the course with students developing skills with the microscope, proper dissection technique and computer-based laboratory protocols.

**Prerequisite:** Successful completion of Physical Science and approval by Department Chairperson.

### **BIOLOGY - SCI201**

1 credit

This course is an introduction to the life sciences. Its major objective is to give the student an appreciation and understanding of life processes. The introductory course focuses on several themes in the life sciences: diversity and the unity of life, interdependence of organisms, evolution and science as a process. Topics include molecular biology, molecular genetics, cell biology, metabolism, classical genetics, microbiology, botany, zoology and human biology. Library skills and internet research are emphasized for projects and reports. Laboratory work using the scientific method with an emphasis on data analysis is emphasized. The scientific method is highlighted in learning how to write a lab report. Laboratory work is an integral part of the course with students developing skills with the microscope during the first semester and proper dissection technique during the second semester.

**Prerequisite:** Successful completion of Physical Science

### **CHEMISTRY - SCI202**

1 credit

This course provides the student with a fundamental grasp of chemistry which includes using scientific measurement and lab techniques, classification of matter, the behavior of gases, the characteristics of liquids and solids, atomic structure, periodicity, chemical bonds, equilibrium, and theories and reactions of acids and bases as well as kinetics and thermochemistry. The course also provides a brief introduction to both organic and nuclear chemistry and endeavors to develop sensitivity to concerns about chemical pollution and protection of the environment. Some of the skills that a student will achieve during the course include problem-solving techniques, analytical thinking, expressing ideas with clarity and logic; significant figures/rounding off of calculations, proper usage of research for project/reports, as well as the use of mathematical relationships to predict outcomes. Labs are structured to enforce the understanding of the chemical topics taught within the classroom setting. Students are required to develop and apply the scientific method in producing a lab report based on his experimental results. Labs are both physical as well as technologically based experimentation.

**Prerequisite:** Successful completion of Biology

## GRADES 11 AND 12

### **SUMMER CHEMISTRY- SCI 301**

1 credit

This course provides the student with a fundamental grasp of chemistry which includes using scientific measurement and lab techniques, classification of matter, the behavior of gases, the characteristics of liquids and solids, atomic structure, periodicity, chemical bonds, equilibrium, and theories and reactions of acids and bases as well as kinetics and thermochemistry. The course also provides a brief introduction to both organic and nuclear chemistry and endeavors to develop sensitivity to concerns about chemical pollution and protection of the environment. Some of the skills that a student will achieve during the course include problem-solving techniques, analytical thinking, expressing ideas with clarity and logic; significant figures/rounding off of calculations, proper usage of research for project/reports, as well as the use of mathematical relationships to predict outcomes. Labs are structured to enforce the understanding of the chemical topics taught within the classroom setting. Students are required to develop and apply the scientific method in producing a lab report based on his experimental results. Labs are both physical as well as technologically based experimentation.

**Prerequisite:** Successful completion of Physical Science and Biology. Chemistry taken in a summer school program does not qualify a student for AP Chemistry or AP Biology.

### **CHEMISTRY- SCI 301**

1 credit

This course provides the student with a fundamental grasp of chemistry which includes using scientific measurement and lab techniques, classification of matter, the behavior of gases, the characteristics of liquids and solids, atomic structure, periodicity, chemical bonds, equilibrium, and theories and reactions of acids and bases as well as kinetics and thermochemistry. The course also provides a brief introduction to both organic and nuclear chemistry and endeavors to develop sensitivity to concerns about chemical pollution and protection of the environment. Some of the skills that a student will achieve during the course include problem-solving techniques, analytical thinking, expressing ideas with clarity and logic; significant figures/rounding off of calculations, proper usage of research for project/reports, as well as the use of mathematical relationships to predict outcomes. Labs are structured to enforce the understanding of the chemical topics taught within the classroom setting. Students are required to develop and apply the scientific method in producing a lab report based on his experimental results. Labs are both physical as well as technologically based experimentation.

**Prerequisite:** Successful completion of Physical Science and Biology.

### **AP CHEMISTRY- SCI402** [Based on enrollment]

1 credit

The Advanced Placement Chemistry course is designed to be the equivalent of a general Chemistry course usually taken by freshmen in college. Students in the AP Chemistry

course should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems and equations. The course contributes to the development of the student's abilities to think clearly and express his ideas with clarity and logic. The AP Chemistry course differs qualitatively from the usual secondary course in Chemistry with respect to the type of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. Some of the skills an AP Chemistry student will achieve are the appropriate use of scientific equipment, the ability to handle a comprehensive exam, identifying unknowns from laboratory techniques, and a positive attitude and concern for the proper use of chemistry in relation to environmental issues. A double period lab is given every cycle and students are required to complete a written lab report the following cycle. Labs are both physical as well as technologically based experimentation. Students are required to take the College Board AP Exam in May.

**Prerequisite:** Successful completion of Biology and Chemistry with grade of 93 or above in Chemistry. Chemistry taken in a summer school program does not qualify a student for AP Chemistry. A full year Chemistry course is required. Admission to A.P. Science courses must include approval of the student's introductory level instructor and the department chairperson.

### **PHYSICS - SCI403**

1 credit

Physics is the study of a very broad range of topics. Some of the topics included in the study of physics are the nature of light, the motion of objects, the nature and effects of gravity, the behavior of solids, liquids and gases, atomic structure, and the nature of electricity and magnetism. All of these topics are related through the fundamental forces of nature. The general physics course begins with the study of motion and develops the concepts needed to begin to understand the phenomena listed above. This course concentrates on problem solving. The problems are used to develop and expand understanding of the principles presented. Two languages are used in this course: English and mathematics. The mathematics used at this level includes algebra, geometry and basic trigonometry. This course is prerequisite for AP Physics.

**Prerequisite:** Successful completion of Biology and Chemistry.

**Co-requisite:** Algebra II/Trigonometry or permission of the instructor.

### **AP BIOLOGY - SCI 404** [Based on enrollment]

1 credit

The Advanced Placement Course in Biology in the high school should meet the objectives of a general biology course at the college level. The objectives of the course are the following:

- knowledge of the facts, principles and processes of biology;
- understanding of the means by which biological information is collected, how it is interpreted and how one formulates hypotheses from available data and make further predictions;
- understanding that science is a human endeavor with social consequences;

to emphasize critical thinking and writing abilities.

Topics covered in the course will include: biochemistry, cellular biology, photosynthesis, genetics, evolution, anatomy, physiology and ecology. Because of the scope of the curriculum and because of our time limitations, some areas of biology are skimmed over and others are omitted. Students must assume the responsibility for filling in these gaps with their own reading programs.

Students are required to take the College Board AP Examination in May.

**Prerequisite:** Student must have a 93 or above average in Biology and an 89 or above in Chemistry. Chemistry taken in a summer school program does not qualify a student for AP Biology. A full year Chemistry course is required. Admission to AP Science courses must include approval of the student's introductory level instructor and the department chairperson.

**AP PHYSICS - Level C - SCI 407** [Based on enrollment] 1 credit

This course follows the guidelines published by the College Board. It is approximately one-half mechanics and one-half electricity and magnetism. Use of calculus in problem solving and in derivations will increase as the course progresses. In the second semester, calculus will be used freely in formulating principles and in solving problems. Students are required to take the College Board AP Physics C Exam in May which includes both mechanics and electricity/magnetism sections.

**Prerequisite:** Successful completion of Biology, Chemistry and Physics. Student must have 88 or above average in Physics. Calculus is a co-requisite with this course.

Admission to A.P. Science courses must include approval of the student's introductory level instructor and the department chairperson.

**ENVIRONMENTAL SCIENCE - SCI 409** [Based on enrollment] 1 credit

Man's impact on biodiversity and sustaining natural ecosystems is a global concern. This course will focus on examining the interrelationship between living organisms and their natural environment. Basic principles of science will be studied to analyze environmental problems and discuss potential solutions to them. Current issues of water and air pollution, climate change, depletion of natural resources, and loss of biodiversity within the different ecosystems of the world are representative topics. The lab component of the course incorporates structured investigations in the lab and field trips to local sites of interest. This is a two-semester lab course.

**Prerequisite:** Successful completion of Biology and Chemistry.

**HUMAN ANATOMY AND PHYSIOLOGY - SCI 410** [Based on enrollment] 1 credit

The Anatomy and Physiology course is a full year elective science class planned for students who are planning to major in science or the health fields in college. Students who are not planning to major in a science but are seeking a more in-depth science course that addresses their interests and prepares them for a human biology class in college will also benefit from this class. The course involves learning the systems of the human body.

It emphasizes the complementary nature of structure and function, homeostatic mechanisms, interaction between humans and their environment, metabolic processes, common injuries and diseases. The lab component will include dissections of the cat as well as organs from other animals.

**Prerequisite:** 80 or above average in Biology and Chemistry.

**INTRODUCTION TO ENGINEERING - SCI411** [Based on enrollment] 1 credit

The primary objective of this course is to use building projects to introduce the principles of engineering. Students will learn to approach technology in a humane way that allows them to develop the skills necessary to succeed at project design while doing so in a way that improves life for all. A large portion of the course will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply engineering practices. Students will learn to identify problems, explore different potential designs, collect data to optimize design, and build prototypes. Projects will challenge the students to think about equity and social justice by attempting to solve problems faced by people in developing nations. Students will also have to consider the ethical and environmental concerns regarding new technology, such as the impact of global warming and how its effects can be mitigated.

**Prerequisite:** Physics is a pre/co requisite for this course