**CURRICULUM GUIDE**

**DIRECTORY OF COURSE OFFERINGS**

**2019-2020**

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February 4, 2019

Dear SHA Students and Parents:

As you read through this Curriculum Guide, we hope you see reflected clearly the mission and the education philosophy, values and beliefs of Sacred Heart Academy. The academic program is designed for rigorous acquisition of high level cognitive and communication skills and for breadth and depth of content in all subject areas. Our goal, however, is beyond transferal of knowledge and skills; our goal is the development of a spiritual, moral and social compass so each student can live with integrity, influence and success in our increasingly complex and ever-evolving times.

At the same time as we expand the use of education technology to enhance, customize and individualize learning, we believe that great teaching and learning requires student engagement, guidance and direction. A challenging and humanizing curriculum requires a social component and happens through interaction between and among students and faculty and the whole school community.

For seventy years, SHA alumnae voice what education researchers continues to support: students need educational leaders who give them the experience of connectedness, face-to-face conversations and meaning in life. This is what transforms SHA students into confident women who lead with heart, compassion, conviction and commitment. Rooted in the Gospel of Jesus and the mission of the Sisters of St. Joseph, students use their exceptional academic and leadership skills to address the needs of our world during their years at SHA and as our alumnae.

With best wishes for you as you select courses that will be transforming, challenging and fun,

Sister Jean Amore, CSJ, Ed.D.
SHA DIPLOMA REQUIREMENTS WITH ADVANCED REGENTS ENDORSEMENT

- Minimum of 30 credits is required
- 4 years of 20 hours of Community Service each year
- Successful completion of Term Paper in Junior year

Theology 4
English* 4
Social Studies* 4
World Language* 4
  - French, Italian, Spanish
Mathematics* 4
Science* 4
Music and/or Art** 1
Physical Education/Dance 2 (Four years)
Health ½
Computer 1 ½
Public Speaking ½
Latin Roots & Derivations ½

*Regents Exams (where applicable)/FLACS B Exam are required for graduation.
**Students who choose Art or Music as a major must complete at least 3 full credits

In order to receive a Sacred Heart Academy Diploma, a student must earn the number of credits indicated above, bringing the minimum number of credits to 30.

HONORS AT GRADUATION

At the time of graduation, the honor of Valedictorian and Salutatorian will be awarded to a student who has been enrolled at Sacred Heart Academy for four full years. Valediction and Salutatorian are based on the student’s weighted GPA for the first 3 years plus the 1st 3 quarters and midterm grades of senior year.

The Faculty in each department recommends to the Principal the most outstanding students eligible for a medal according to the following criteria:

ELIGIBILITY: Must have been enrolled at Sacred Heart Academy for four years. (However, any student who meets the academic requirements for any other graduation medal or honor will be eligible for those honors regardless of the number of years that she is enrolled at Sacred Heart Academy.) All departmental medals are determined by grades that include the last marking period before graduation.

ART: Skills plus completion of the senior course of study
COMPUTER: Two years of study in dance and demonstration of leadership and service within the department
DANCE: Four years of study in dance and demonstrate a positive attitude towards the success of the dance department
ENGLISH: Four years of study including AP English Language and Composition, AP English Literature and Composition, and membership in at least one communication activity in high school
FRENCH: Four years of study and must have taken French 4 Honors and/or French 5/ SHonors
ITALIAN: Four years of study and must have taken AP Italian
SPANISH: Four years of study including AP Spanish
MATHEMATICS: Four years of study and membership for at least two years on the Math Team
MUSIC: Four years of study and membership in at least one performing group throughout high school
PERFECT ATTENDANCE: Will be awarded to any senior who has never been absent throughout her 4 years of high school
PHYSICAL EDUCATION: Four years of PE Classes and contributes to overall positive tone of PE department
SCIENCE: Four years of science courses at Sacred Heart Academy; must take AP Biology, AP Chemistry, or AP Physics
SOCIAL STUDIES: Four Years of Social Studies courses including AP World History, AP US History, AP US Government & Politics
THEOLOGY: Four years of Theology courses and participation in a school sponsored service activity in association with the spiritual life of the school
SACRED HEART ACADEMY HONOR ROLL (2019-2020 ACADEMIC YEAR)

The HONOR ROLL is published at the end of the year. It is based on the average computed for all major courses in which the student is enrolled. Students who are absent in excess of 10 days in a year are ineligible for the Honor Roll. If this number is exceeded, the student may be not only in danger of failing a course but also in danger of not being inducted into the National Honor Society and/or losing National Honor Society status, Honor Classes for the following year, and participation in activities, clubs, teams, and school events.

Principal's List
- Weighted Average 95-100%
- No final grade in a major subject below 90%

First Honors
- Weighted Average 90-94%
- No final grade in a major subject below 85%

Second Honors
- Weighted Average 85-89%
- No final grade in a major subject below 75%

HONOR COURSES: As an incentive for accomplishing more challenging assignments, the grade for an honors course will be obtained by multiplying the final mark by 1.1. **Any student in an honors class whose overall average for the school year is a failing grade will not receive a 1.1 in June for that course.** Freshmen placement into an honors level course is available only in Social Studies, English and Living Environment. Placement is based on the scores received on the Catholic High School Examination/TACHS Examination results and/or placement tests. Students are eligible for honors placement in other areas after freshman year based upon the AP Honors policy.

HONOR SOCIETIES: Students are admitted to honor societies for each discipline according to the individual society’s requirements.

NATIONAL HONOR SOCIETY: Membership is awarded on the basis of National norms. Junior overall average must be a 90 unweighted average with no failing midterm, Regents or quarter grades. Calculations will include freshman grades, sophomore grades and junior 1st, 2nd, 3rd quarter grades and mid-term exam grades. All candidates are expected to attend the Induction Ceremony. Effective 2017-2018, seniors will no longer be eligible for NHS. The requirements for continuation of membership in the National Honor Society are:
1. Member must maintain a cumulative average of 90.
2. Member must be involved in a service program.
3. Member must adhere to all school regulations.
4. Member must embody the values as stated by the National Honor Society. If any of the above criteria are not met, the student’s membership will be in jeopardy.

REGENTS RE-TAKES
If a student passes a Regents Exam, she may opt to re-take the exam. If she scores higher on the second try, the higher mark will appear on her transcript. However, it will not be calculated for any academic averages, awards or honors. The original passing mark will be the grade used for any and all academic purposes.

REGENTS - SHA CREDIT
In order for a student to receive credit for a Regents Course, she must pass not only the Regents Exam but also the course itself. The overall average of the six marks for that subject for the year must be at least 65%. If student does not pass the course, she must go to summer school. If the course is not offered, tutoring is strongly recommended in that subject and take a final examination in that subject at Sacred Heart Academy during Regents week in August. A student may not change her summer school institution to a different location as stipulated in her contract. A student who fails a Regents Exam required for graduation must retake the exam at the next available test date (August or January) and will be on academic probation until the next administration. The student must pass the exam in order to remain at Sacred Heart Academy.

SHA COURSE CREDIT
In August a testing date will be selected for students who have failed a non-regents course and needs to take and pass a Sacred Heart Final Examination in order to earn Sacred Heart credit and to return as a student at SHA.
**PROJECTED PROGRAMS FOR SACRED HEART ACADEMY STUDENTS** *(General Guide: Full course listing pages 7 - 25)*

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*FRESHMAN YEAR: SECOND LANGUAGE: FRESHMEN MUST HAVE PASSED LEVEL 1 LANGUAGE COURSE AND FLACS A EXAM, SATISFIED NYS SEAT TIME OF 5 TIMES A WEEK FOR 45 MINUTES. RECEIVED (1) NYS CREDIT FOR LEVEL 1.

**FRESHMAN YEAR: GEOMETRY (9) MAY BE TAKEN ONLY IF STUDENT HAS TAKEN A REGENTS ALGEBRA COURSE IN 8TH GRADE, HAS A 70% AVERAGE AND 70% ON THE ALGEBRA REGENTS IN JUNE.

***FRESHMAN YEAR: CHEMISTRY MAY BE TAKEN ONLY IF STUDENT HAS TAKEN LIVING ENVIRONMENT REGENTS COURSE IN 8TH GRADE, HAS A 70% AVERAGE AND PASSED THE LIVING ENVIRONMENT REGENTS IN JUNE.

NOTE:

--TRANSFER STUDENTS MAY NEED TO TAKE PLACEMENT EXAMS AND/OR HAVE THEIR TRANSCRIPTS EVALUATED BY THE CHAIRPERSON OF EACH DEPARTMENT BEFORE STUDENT'S PROGRAM CAN BE FINALIZED.

--GRADE RECEIVED ON REGENTS TAKEN IN 7TH AND/OR 8TH GRADE WILL BE NOTED ON THE STUDENT'S TRANSCRIPT BUT NOT INCLUDED IN OVERALL GPA.
**COLLEGE CREDIT AT SACRED HEART ACADEMY 2019-2020**

*Please note that for courses which grant college credit for both the Fall and Spring semesters, a student needs to register in the Fall in order to re-register for the spring, except for credits with Molloy College, when all courses need to be registered between December and February which is their only Registration Period.

Sacred Heart Academy is connected to the St. John’s University Extension Program and to the Long Island High School Program of Adelphi University, the High School Program at Molloy College and the High School Program at St. Joseph’s College. This enables the academy to offer optional college credit for an extra fee at the same time a student is earning high school credit for her SHA diploma. Transfer of the credit may be sought at other colleges based on the procedures of the admitting college/university. All courses online in September 2019.

**Adelphi University Requirements:**
*Cost:* To be determined in Fall 2019  
*Registration:* Course online in September & February (Information on SHA website in Fall 2019).

**Molloy College Requirements:**
*Cost:* To be determined in Fall 2019  
*Registration:* Through Molloy in Feb – March ONLY for BOTH Fall & Spring Registration (Information on SHA website in Fall 2019)

**St. John’s University Requirements:**
*Cost:* To be determined in Fall of 2019  
*Registration:* Online in September and again in January (Information on SHA website in Fall 2019)

**St. Joseph College Requirements:**
*Cost:* To be determined in Fall of 2019  
*Registration:* Paper application through SHA Guidance Department in September

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<th>SHA COURSE</th>
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<td>Art</td>
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| English        | SJU: Gender Studies (3 credits Fall & Spring)  
|                | SJU: Shakespeare (3 credits Fall & Spring) |
| World Languages| **Adelphi:** Spanish 4H, French 4H (3 credits Fall & Spring)  
|                | **SJU:** French SH *pending* |
| Music          | **SJU:** History of Musical Theater & Symphony  
|                | (3 credits Fall & Spring)  
|                | **SJU:** Additional Music Courses pending |
| Mathematics    | **Molloy:** Pre-Calculus, Pre-Calc Honors (3 credits Spring only)  
|                | **Molloy:** Calculus, AP Calculus (4 credits Spring only)  
|                | **Molloy:** Statistics *pending* |
| Science        | **SJU:** AP Biology (seniors only, 4 credits Fall & Spring)  
|                | **Adelphi:** AP Biology (Juniors/Seniors, 4 credits Fall & Spring) |
| Social Studies | **Molloy:** AP US History (3 credits Fall & Spring) |
ADVANCED PLACEMENT EXAMINATION PROGRAM

College Board Exams taken in May at Sacred Heart Academy with registration occurring in March via Sacred Heart Academy may be submitted to the admitting college in July by student from AP College Board and the college will grant credit based on its own policies.

ADVANCED PLACEMENT

Advanced Placement Calculus AB
Advanced Placement Comp. Science Principles
Advanced Placement Biology
Advanced Placement Chemistry
Advanced Placement Environmental Science
Advanced Placement Physics 1
Advanced Placement Physics 2
Advanced Placement Psychology
Advanced Placement Music Theory
Advanced Placement English Language and Composition
Advanced Placement English Literature and Composition
Advanced Placement World History
Advanced Placement US History and Government
Advanced Placement US Government and Politics
Advanced Placement Italian Language & Culture
Advanced Placement Spanish Language & Culture
Advanced Placement Art Portfolio — is available for students who are planning on majoring in an Art field

N.B. Students in AP classes register for the Exams in March of the academic year through a SHA Guidance Department mailing. All students in an AP Course must take the AP Exam in May. The AP Exam is a requirement of the course and must be taken in order to receive course credit. Any student who fails to do so will lose the 1.1 factor of the Honors Course at the end of the year and the student's transcript will be altered to reflect these changes in the name of the course(s) and with regard to the GPA.
AP/HONORS POLICY

For AP/Honors Placement for the 2019-2020 school year, students at Sacred Heart Academy are recommended into AP/Honors Courses in the following ways:

Incoming 9th graders who have achieved a designated score on the Catholic High School Entrance Exam (CHSEE) or (TACHS) are eligible for Literary Genre 9 Honors, AP World History I, Living Environment / Biology Honors and the opportunity to take an entrance exam for the Science Research Program.

Requirements for Current Students Taking AP and Honors Courses for the First Time in a Department:
Students may be preliminarily placed into an AP or Honors course if they have an average of 92 or higher [including Quarter 1 (20%), Quarter 2 (20%), and Midterms grades (10%)]. Students who have an average below 92 and who want to take an AP or Honors course may appeal to the department after Quarter 3 grades. If a student’s average drops significantly, placement by the department may be reconsidered.

Requirements for Students Taking AP and Honors Courses for the Second or More Time (s) in a Department:
Students may be preliminarily placed into a second or third AP course within the same department if they have an unweighted average of 87 or higher [including Quarter 1 (20%), Quarter 2 (20%), and Midterms grades (10%)] in their current AP/Honors course in that department. Students who have an average below 87 and who want to continue to take an AP or Honors course may appeal to the department after Quarter 3 grades. If a student’s average drops significantly, placement by the department may be reconsidered.

Note: Grades for AP/Honors courses are weighted for the final Grade Point Average (GPA) each year. The grade for an AP or Honors course is obtained by multiplying the final mark by 1.1. Each year both unweighted and weighted final GPA’s are indicated on a student’s high school transcript.

Weighted averages are not used for:
- AP/Honors Placement
- National Honor Society
- Math/Science/World Language Honor Societies

If a student receives a failing unweighted grade (below 65%) in a course, weighting cannot be used to pass the course.

GUIDANCE
The Guidance Department addresses the areas of academic counseling, college selection and career choice. They work closely with the Administration and Deans to enhance communication between the students, teachers, and parents/guardians. Each School Counselor achieves personal contact with her students by individual interviews and small group discussions.

In addition, our Social Worker is available to assist students and their parents/guardians in a confidential manner when additional support is needed with personal, emotional and social issues.

In conjunction with Administration and Department Chairpersons, our students are prepared for standardized testing (Midterm, Regents, Final Exams, ASPIRE, PSAT, SAT I, SAT Subject Tests, ACT, and AP Exams).

The Guidance Department, with the support and assistance of the Administration, is also responsible for certain Assembly Programs, Academic Awards Night, National Honor Society Induction Ceremony, and Special Events including: The College Fair, Parent/Teacher Conference Days, Parent and Teacher Conferences throughout the year, Financial Aid Night, Senior Luncheon, Graduation Ceremony and Summer School Registration. In addition, the Guidance Department is responsible for administering Standardized Tests and proctoring tests and examinations for students with special accommodations.
Courses Subject to Change

THEOLOGY

101  Theology 9  Hebrew and Christian Scriptures  1 credit
Freshman Theology presents a prayerful introduction to Sacred Scripture and Sacred Tradition. This full-year course explores the Old and New Testaments as well as the foundations of scriptural interpretation. We will focus on Jesus’ life, mission, and message in addition to an overview of the Liturgy, Sacraments, and the Church.

102  Theology 10  Growth in Sacramental Faith and Morality  1 credit
Sophomore Theology explores how the Sacraments connect us more deeply to Christ, the Church and God’s creation. The intent is to immerse students in a Sacramental way of seeing and show how Sacramental living is a basis of morality. Classes delve into the meaning and practice of Baptism, Confirmation, Eucharist and Reconciliation and the foundations of Catholic morality: Jesus, the Church, Conscience, Grace and moral decision making.

103  Theology 11  The Catholic Church - Journey, Wisdom and Mission  1 credit
Having spent a full year on the personal growth and development of the students, this third-year challenges them to look at the past history of the church as seen through the eyes of persons of different times and places who also responded to the Gospel message of Jesus. This course will highlight the lives of important women in Church history including Priscilla from Acts, Julian of Norwich, and Hildegard of Bingen. This broader perspective will enable the students to see that each era is affected by major events of that time, as well as the culture in which one lives, and one’s geographical location. By the end of the junior year, students will have satisfied the academic requirements for the Diocese of Rockville Centre’s Basic Theology Certificate.

104  Theology 12  Catholic Social Teaching  1 credit
The fourth-year course encompasses the essentials of Catholic Social teaching and what it means to live the Christian life. It challenges the students to formulate a commitment that will be the foundation of their life in faith. In order to assist the students through this process, current issues in the community and the world are examined in light of Scripture and Church documents such as, Pacem in Terris and the Seven Principles of Catholic Social Teaching. In the course of the year, students will explore the spirituality of Jean Donovan, Dorothy Day, S. Helen Prejean, S. Dorothy Stang, and other women who have dedicated their lives to social justice issues. To further emphasize what it means to be a Christian in the world today.

THEOLOGY SENIOR ELECTIVES

116  Bioethics: A Catholic Perspective  1 credit
Bioethics is the study of ethical issues in biology and medicine. This course will provide an introduction to the ethical positions used in assessing various issues in the field of bioethics. The methodology used in grounding these positions will be explored. Issues pertaining to reproduction, stem cell research, genetic manipulation, and end of life issues will be discussed. For example, is it right or wrong to conduct stem cell research? Is it right or wrong to genetically design a human being? A Catholic perspective will provide the context for answering these kinds of questions. Case studies will be used to illustrate the issues we examine. Instructor approval required.
**ENGLISH**

231 Literary Genre 9  
1 credit  
The study of Literary Genre for freshmen includes exploration of the short story, poetry, drama and the essay. A study of the basics of grammar is intended to provide students with the fundamentals of effective writing and correct speech. Particular emphasis is placed on the writing process and the introduction of research skills for term paper writing. Skills associated with those assessed on the New York State Regents Exam in English Language Arts are introduced and developed. Vocabulary mastery is stressed. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum.  

**Prerequisites:**  
Public Speaking 8 or AP English Language and Composition 8.

234 Literary Genre 9 Honors  
This course parallels Literary Genre 9. The honors student is expected to read more extensively and critically, to participate orally to a considerable extent, and to write more frequently with polish and style. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum.  
**Prerequisites:** Honors Policy applies.

232 American Literature 10  
1 credit  
The study of American literature traces the literary development from the early Puritan settlers to contemporary writers. The novel, the short story, poetry, drama and the essay are assessed for their unique qualities. Writing assignments build on the essay skills developed in the ninth year along with the continuation of research skills for term paper work. Review of the fundamentals of grammar is included and instruction of more sophisticated grammatical constructions is continued. Vocabulary study is emphasized and supplementary reading of major canonical works is required. Regents’ skills are further developed in anticipation of the New York State Regents Exam in English Language Arts administered in junior year. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum.  

**Prerequisites:**  
Public Speaking 8 or AP English Language and Composition 8.

235 American Literature 10 Honors  
This course parallels American Literature 10. The honors student is expected to read more extensively and critically, to participate orally to a considerable extent and to write more frequently with polish and style. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum.  
**Prerequisites:** Honors Policy applies.

233 British Literature 11  
1 credit  
This course is a humanistic approach to English Literature from Anglo-Saxon times to the present. It includes the study of significant works, development of styles, cultural trends and literary terms. An intensive study of Shakespeare is included. The course also encompasses SAT/ACT/Regents preparation, essay writing, reinforcing of skills integral to the formation of both the literary and the creative essay, in-depth exploration of literature and completion of the research paper. The New York State Regents Exam in English Language Arts will be administered in June. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum.  
The research paper will take the place of the final exam. A student cannot enter her senior year at Sacred Heart Academy if she has not completed and received a passing grade on her research paper.  

216 AP English Language and Composition 11  
1 credit  
By way of focusing on major canonical works of British Literature, this course prepares students for the Advanced Placement exam in English Language and Composition. Instruction focuses on rhetorical strategies employed in significant prose, touches upon the poetry and drama of impacting literary eras and includes specific study of non-fiction pieces. Analytical and persuasive essay writing on non-literary topics is emphasized, all in preparation for the rhetorical strategies essay, the synthesis essay and the argument essay found on the A.P. exam. Intensive instruction of the contrapuntal research paper is a highlight of the A.P. curriculum, serving as culmination of skills amassed and mastered. The Advanced Placement examination is a requirement for the successful completion of this course. The New York State Regents Exam in English Language Arts will be administered in June. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum. The research paper will take the place of the final exam. A student cannot enter her senior year at Sacred Heart Academy if she has not completed and received a passing grade on her research paper.  
**Prerequisites:** AP Policy applies.

240 Public Speaking 11  
½ credit  
Public Speaking for juniors is a course designed to expose students to the practical skills of public speaking. A study of successful presenters is used as a motivator to enhance diction, eye contact, pacing and voice inflection. Particular emphasis is placed on vocal clarity and on body language to encourage students to emulate and exude confidence while interviewing (especially with respect to interviews requisite to the college admissions process) and when presenting in front of a large audience.

222 Hitchcock Studies 12  
1 credit  
This course draws attention to the genius of filmmaker, Alfred Hitchcock and to the visual art of Cinematography through the viewing of his films in conjunction with in-depth oral and written analysis of literary texts. A research paper requirement accompanies this course. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum.
215 AP Literature and Composition 12  1 credit
This course is a survey of the world’s great masterpieces. Selections are studies in light of literary developments, syntax, diction, theme and tone. Written works stress the critical examination of works of representative authors. The Advanced Placement examination is a requirement for the successful completion of this course. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum.
Prerequisites: AP Policy applies.

225 Shakespeare/Advanced British Literature College-Level/Honors 12  1 credit
This college-level course, accredited through St. John’s University, allows the student to opt for 6 college credits. Instruction centers on readings in Shakespeare’s comedies, tragedies, histories and sonnets. Emphasis is on writing, research, interpretive analysis and critical analysis. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum.
Prerequisites: Honors Policy applies.
Optional: St. John’s University credit (6 credits)

204 Selected Topics in Literature 12  1 credit
This college-preparatory course stresses a strong core of critical reading and writing. Texts to be studied are from a range of works authored by canonical writers as well as contemporary writers. All genres are addressed and exploration of non-fiction pieces adds depth and relevance to the course. Students are encouraged to develop their writing style through critical analysis papers and creative responses to literature. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum.

226 Gender Studies/Advanced American Literature College-Level/Honors 12  1 credit
This college-level course, accredited through St. John’s University, allows the students to opt for 6 college credits. Instruction offers a concentrated overview of canonical works of American, British and World literature in the context of gender specification. Focus is placed on the impact of the author’s gender on the portrayal and relevance of his or her characters as well as on the nature of the gender roles assigned to respective characters in diverse cultures and historical eras. Exploration of relevant and topical non-fiction pieces adds depth to the course. To enhance writing and oratory skills, a research paper and a group presentation accompany each marking period. Summer reading of 3-5 works is assigned, serving as an integral prelude to the ensuing year’s curriculum.
Prerequisites: Honors Policy applies.
Optional: St. John’s University credit (6 credits)
MATHEMATICS

360 Algebra 9
This is the first course of the New York State Regents Mathematics program which is Algebra. Topics include equations, inequalities, polynomials, functions, geometric figures, graphing, and data analysis. Student will take the NY State Regents in Algebra at the end of the year.
Prerequisites: Successful completion of Math 8.

359 Geometry 9 (For Freshmen who have completed Algebra in Gr. 8)
This is the second course of the New York State Regents Mathematics program. Topics include geometric relationships, constructions, locus, informal and formal proofs, transformational and coordinate geometry, and basic trigonometry. The Geometry Regents is taken at the end of the year.
Prerequisites: Successful completion of Algebra, 70% on the Algebra Regents, with an average of 70% and departmental recommendation.

361 Geometry 10
This is the second course of the New York State Regents Mathematics program. Topics include geometric relationships, constructions, locus, informal and formal proofs, transformational and coordinate geometry, and basic trigonometry. The Geometry Regents is taken at the end of the year.
Prerequisites: Successful completion of Algebra.

363 Geometry Honors 10
This is an enriched course with an emphasis on independent work and more in-depth treatment of the Geometry topics as described above. The Geometry Regents examination is taken at the end of the year.
Prerequisites: Honors Policy applies.

362 Algebra 2 /Trig 10, 11
This is the third course of the New York State Regents Mathematics program and contains units on trigonometric, exponential and logarithmic functions and graphs, complex numbers, probability and statistics. The Algebra 2 Regents examination is taken at the end of the year.
Prerequisites: Successful completion of Algebra, and Geometry.

364 Algebra 2/ Trig Honors 10, 11
This is an enriched course with an emphasis on independent work and more in-depth treatment of Algebra 2 topics as described above. The Algebra 2/ Trig Regents examination is taken at the end of the year.
Prerequisites: Honors Policy applies.

305 Pre-Calculus 11, 12
This course includes units on advanced algebra, elementary functions, polynomials, sequences and series, trigonometry, limits, and the derivative.
Prerequisites: A student must achieve 75% in Algebra, Geometry, and Algebra 2/ Trig, must pass all Midterms, Finals, and pass all Math Regents. Departmental recommendation required.
Optional: Molloy College credit (3 credits)

315 Pre-Calculus Honors 11, 12
This is an enriched course with a more in-depth treatment of the Pre-Calculus topics as described above and additional topics.
Prerequisites: Honors Policy applies. A student must have achieved 75% in Algebra, Geometry, and must have passed all Math Midterms, Finals, and Regents exams.
Optional: Molloy College credit (3 credits)

314 Calculus 12
This is a course in introductory calculus with elementary functions that employs the use of graphing calculator technology. Topics include functions, limits, the derivative and its applications, the definite integral and applications.
Prerequisites: Successful completion of Integrated Algebra, Geometry, Algebra 2/ Trig, and Pre-Calculus with a cumulative average of at least 80% in Pre-Calculus and departmental recommendation.
Optional: Molloy College credit (4 credits)

324 AP Calculus 12
This is an enriched course in introductory calculus with elementary functions which employs the use of graphing calculator technology. This is a theory-based course and a more in-depth treatment of Calculus topics as described above. The Advanced Placement examination is a requirement for the successful completion of this course.
Prerequisites: Pre-Calculus Honors. AP Policy applies.
Optional: Molloy College credits (4 credits)
310 Statistics 12 1 credit
This course is designed to introduce the student to the basic concepts of Statistics. Topics to be discussed include the collection, organization, analysis, and interpretation of data. Students will learn how Statistics are applied as tools in many fields including: business, education, economics and everyday life.
Prerequisites: An average of 75% in Algebra, Geometry, and Algebra 2/Trig, and passing grades on all midterms, finals and regents examinations. In addition, students must have departmental approval and a TI-84 calculator. Preference will be given to those students who have completed Pre-Calculus, and Calculus.
Optional: College credit pending

306 Advanced Algebra 12 1 credit
This is a course that prepares the student for college mathematics. Topics include matrices, sequences, advanced algebra, statistics, and trigonometry.
Prerequisites: Successful completion of Algebra 1, Geometry, and Algebra 2/Trig.
COMPUTER/ BUSINESS

308 Accounting 12
1 credit
This course will cover the use of basic accounting principles and concepts in recording business transactions: the accounting cycle, journal entries and financial statements. Other topics include the accounting system, valuation of assets, and sources of business capital.

341 Computer 9
1 credit
This course is designed to help students master the necessary computer skills needed to succeed in high school, college, and beyond. By blending academic subjects such as math, science, social studies, and English with computer skills, students will be exposed to concepts that will complement and enhance their academic subjects while their computer skills are expanded. The course focuses on Microsoft Office, basic computer concepts such as binary language and coding, file management, HTML, digital music, databases and keyboarding skills.

340 Excel I 11, 12
½ credit
This is an advanced course for students who wish to master Excel, Microsoft’s powerful spreadsheet and chart program. All the possibilities of Excel will be explored as students learn to master formulas, data organization, create professional level reports and analyses, and experience how to take raw data and present it in a concise manner.

342 AP Computer Science Principles 12
1 credit
This course will introduce the students to the creative side of programming, algorithms, abstractions, internet and cyber security, and computing impact. The student will have the opportunity to use technology to address and build solutions for real world problems.

Prerequisites: Introduction to Computer Science and departmental recommendation.
SOCIAL STUDIES

401 Global History and Geography 9 1 credit
This course will focus on World History and culture up to the Age of Absolutism. Writing skills as well as historical reading and thinking skills will be emphasized.

427 AP World History I 1 credit
Teacher and student will work together to examine World History and think critically about events of the past. The historical thinking skills provide an essential structure for learning to think critically. These skills apply to AP World History and they also represent the type of skills required in all college-level courses involving historical scholarship. The emphasis on diverse sources will promote critical analysis. (From the Advanced Placement Course Description for World History, published by the College Board). The honor student is expected to analyze the material covered and formulate positions based on this knowledge.
Prerequisites: AP Policy applies
AP World History is a mandatory two-year commitment (9th and 10th Grades) Students must take the AP World History examination in May of 10th Grade and NYS Global Studies Regents in June of 10th Grade. This is a college level course. Students are expected to achieve mastery in essay writing in the following areas: Document-Based Question Essays, Continuity and Change-Over-Time Essays, Causation and Comparative essays. Acceptance in this course is based on the results of the CHSEE or TACHS examination.

402 Global History and Geography 10 1 credit
This course will focus on World History and culture from the Scientific Revolution to the present. The course will emphasize the cultural, economic, geographic and political connections that exist among the countries of the world. In June of 10th grade, students will take the New York State Regents Examination.

428 AP World History II 1 credit
Teacher and student will work together to examine World History and think critically about events of the past. The historical thinking skills provide an essential structure for learning to think critically. These skills apply to AP World History and they also represent the type of skills required in all college-level historical scholarship. The emphasis on diverse sources will promote historical scholarship. (From the Advanced Placement Course Description for World History, published by the College Board). The honor student is expected to analyze the material covered and formulate positions based on this knowledge. The Advanced Placement Examination in May is a requirement for the successful completion of this course. Students will also take the NYS Global History and Geography Regents in June.
Prerequisites: AP World History I

403 United States History and Government 11 1 credit
The third course in the Social Studies program is one on United States History and Government. Concentration will be given to an overview of U.S. History. Constitutional issues and legal issues will be developed in addition to ones concerning international involvement. The organization of the course will be chronological. The New York State Regents examination will be taken in June and is required at the end of the course.

415 AP United States History and Government 11 1 credit
This course covers in depth the major issues in United States history. Students must be able to write strong comprehensive essays. Students will be prepared to take the AP American History exam in May and the New York State Regents exam in June. The Advanced Placement Examination in May is a requirement for the successful completion of this course.
Prerequisites: AP Policy applies.
Optional: Molloy College credit (6 credits)

404 Economics /Participation in Government 12 1 credit
The Economics course will include basic economic concepts and understandings that all persons will need to function effectively and intelligently as citizens and participants in the economy of the United States and the world. The primary purpose of the "participation in government" mandate is to facilitate and encourage the development of civic-minded individuals capable of effectively fulfilling the "office of citizen." The end product should be individuals who have the characteristics that describe a citizen - committed, informed, skillful and active. Students should possess the qualities associated with civic-mindedness, civic literacy, civic intelligence and civic enterprise. All students must complete hours for the required Bloomberg certification.

405 AP United States Government and Politics with Economics 12 1 credit
AP Government is a political science course. Students will be participating in a college level class that will introduce them to parts of the Constitution, branches of government, political participation and citizenship. Students will also become familiar with economic concepts and understand how the government functions. All students must complete hours for the required Bloomberg certification. This course is rigorous and requires outside reading in addition to the textbook. Students taking this course accept the challenge of a rigorous curriculum and will be required to take the Advanced Placement Examination in May for the successful completion of this course.
Prerequisites: AP Policy applies.
The purpose of the AP course in Psychology is to introduce 12th grade students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Included is a consideration of the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields with psychology. Students also learn about the ethics and methods psychologists use in their science and practice. (From the Advanced Placement Course Description for Psychology, published by the College Board.) Students taking this course accept the challenge of a rigorous curriculum and will be required to take the Advanced Placement Examination in May for the successful completion of this course.

Prerequisites: AP Policy applies.
**SCIENCE**

505 **Living Environment/Lab 9**  
1 credit  
First year Living Environment involves many avenues of inquiry into the nature of life. An inter-relationship of structure and function is progressively built from the biochemistry of a simple cell to the human being. The intricacies of nutrition, adaptation, growth and reproduction are considered on all levels of life forms. The students are given an introduction to evolution and ecology of organisms as considered within the framework of the environment. **Students are required to meet the demands of the New York State in terms of required laboratory work.** A passing grade on the New York State Regents exam and a passing final average are required for the successful completion of the course.

508 **Living Environment Honors Biology/Lab 9**  
1 credit  
This honors level course will go beyond the Living Environment Regents curriculum to include the additional topics found in a freshman biology course and will prepare students for all SAT Subject Tests in Biology and AP Biology. Additional topics include microbiology, biochemistry, Mendelian genetics, human physiology, photosynthesis including the Calvin Cycle, Photosystems I and II, electron transport chain, chemiosmosis, and cellular respiration including the Krebs cycle, classification specifics, and others. **Students are required to meet the demands of the New York State in terms of required laboratory work.** A passing grade on the New York State Regents exam and a passing final average are required for the successful completion of the course. **Incoming 9th Grade students who have achieved a designated score on the Catholic High School Entrance Examination (CHSEE) or (TACHS) will be invited to enroll for Living Environment Honors.**

**SCIENCE RESEARCH IS A FOUR-YEAR PROGRAM.** The Science Research Program is a unique opportunity for students to experience the rigor and rewards of real scientific research while still in high school. This sequence of courses is directed to those students who have a keen interest in the physical, natural, and social sciences and would like to pursue excellence into areas of original research. **STUDENTS MUST BEGIN THE PROGRAM IN 9TH GRADE with the Science Research 9 course.**

509 **Science Research 9**  
½ credit  
Introduction to Science Research 9 will prepare students to design and conduct research in the biological, chemical, physical, social, and environmental sciences. Students must be highly motivated and able to work independently. Emphasis is on both exploratory and bibliographic research. Students are taught the process of online text and journal researching and are able to access various scientific databases. Students will learn methods of investigation, how to research primary sources and scientific journals, techniques of annotation and how to write a scientific research paper. Students will learn statistical tools and scientific analysis and will be required to write research papers. Statistical data analysis will require strong math skills. Students who demonstrate commitment to long-term, focused research and show initiative, perseverance and creativity will be invited to continue research in their sophomore year. **This program is a four-year commitment and will require summer research placement for one to two summer sessions.** The selection process is based on math and science performance, ELA scores, prior research experience, and a placement exam.

510 **Science Research 10**  
½ credit  
Science Research 10 is a continuation of Science Research 9 for highly motivated students and requires a serious commitment throughout the four years of high school. Students will continue developing the skills necessary to master various methods of investigation, researching articles on the internet and in scientific journals, designing and conducting experiments, and arriving at conclusions from their results. They will be guided to present their research at Symposia and Science Competitions such as the **Molloy College Science Fair and the Nassau County Science Competition.** The ultimate goal will be placement with a mentor at a Research Program, and intensive research work on a topic that may be presented at prestigious competitions such as the **Siemens Competition, the Regeneron Science Talent Search, and the Long Island Science and Engineering Fair, in their junior and senior years.** An after-school commitment to independent study is required for successful progress and completion of experimental research in the SHA science lab.  
**Prerequisite:** A student must have a final average of "A" in Science Research 9.

511 **Science Research 11**  
½ credit  
Science Research 11 is a continuation of Science Research 10 for highly motivated students and requires an increased level of commitment in junior year. Students will continue to refine their skills in topic selection, scientific research and presentation. It is mandatory for each student to design, perform, and present their results from an experiment at least two science fairs. By the middle of the year, students will be required to make contact with and find placement with a mentor for Summer Research. Intensive preparation and time commitment is required to demonstrate readiness for entry into major Science competitions as a senior. By the 3rd quarter of 11th grade, students will have begun to work with a mentor on a research project that will continue into their six-week summer research lab placement.  
**Prerequisite:** A final average of "A" in Science Research 10 and **readiness for work with a mentor.**
Science Research 12 is a continuation of Science Research 11 for those students who have completed their 6-week junior summer research mentorship and are prepared to enter academic competitions with independent research in its final stages of completion. Students will continue to participate in group projects as well. It is mandatory for each student to participate in 2 paper research competitions and to design, perform, and present their results from an experiment at least two science fairs. As a senior, students should be prepared for entry into multiple Science fairs and competitions.

**Prerequisite:** A final average of “A” in Science Research 11 and a summer research internship with the student’s mentor must be completed with sufficient work being competition-ready.

**502 Chemistry/Lab 10**
1 credit

This course presents a modern view of chemistry providing the unifying principles of chemistry as the central science. The course provides a basic understanding of quantum mechanics, molecular structure, chemical bonding and the periodicity of the elements, chemical reactions, and stoichiometry. While performing a variety of classroom and laboratory activities, students work with scientific notation, direct and indirect relationships and dimensional analysis to investigate the basic properties of matter. **Students are required to meet the demands of the state in terms of required laboratory work.** A passing grade on the New York State Regents Exam and a passing final average are required for the successful completion of the course.

**Prerequisites:** Successful completion of Living Environment, Algebra and enrollment in Geometry.

**512 Chemistry Honors/Lab 10**
1 credit

This course has been developed by the members of the Science Department to meet the needs of advanced students capable of working on certain topics of the Regents syllabus in more detail. This course provides an in-depth understanding of the unifying principles of chemistry including quantum mechanics, molecular structure, chemical bonding and periodicity of the elements, chemical reactions, and stoichiometry. While performing a variety of classroom and laboratory activities, students work with scientific notation, direct and indirect relationships and dimensional analysis to investigate the basic properties of matter. **Students are required to meet the demands of the state for required laboratory work and to take the Regents exam in Chemistry.**

**Prerequisites:** Honors Policy applies. Incoming Freshmen who have completed Living Environment must meet Honors Policy requirements and have a grade of 85% or higher on the NYS Algebra Regents.

**531 Conceptual Physics**
1 credit

Provides a qualitative understanding of the fundamental principles and processes of the physical world. Topics include basic concepts of motion, forces, energy, heat, electricity, magnetism, and the structure of matter and the universe. Students will develop critical thinking and problem-solving skills while understanding physical laws and their consequences from a conceptual perspective that requires no advanced mathematics. In-class demonstrations and activities will reinforce and apply key concepts by engaging students with applications from the real-world that build a strong conceptual understanding of physical principles ranging from classical mechanics to modern physics. This class will facilitate a student’s understanding of the rules of nature by learning their foundations, not by learning their mathematical derivations. Physics is the foundation for biology, chemistry, geology, and all other sciences and allows students to complete the three core sciences prior to college.

**Prerequisites:** Successful completion of Living Environment and Chemistry.

**503 Physics/Lab 11, 12**
1 credit

This is a basic science course that familiarizes the student with the principles of mechanics, heat, light, wave, motion, sound, electricity and nuclear energy. It gives the student a foundation for the study of physics and other sciences on the college level. **Students are required to meet the demands of the state for required laboratory work.** The New York State Regents exam in Physics is taken at the end of this course.

**Prerequisites:** A student in Chemistry must achieve 85% average for the year in Chemistry, a score of 80% on the Chemistry Regents, plus an 80% on the Algebra Mathematics Regents. A student in Chemistry Honors must achieve 83% average for the year in Chemistry, a score of 80% or higher on the Chemistry Regents, plus 80% on the Algebra Mathematics Regents. A student who has successfully completed AP Environmental Science and has taken the AP exam may be enrolled in Physics. **Departmental consideration with signed parental waiver may be considered in select cases.**

**521 AP Physics 1 11, 12**
1 credit

This is an algebra based, introductory college level course in physics. This course explores the topics of Newtonian mechanics (including rotation), work, energy, power, mechanical waves and sound and simple circuits. The AP Physics examination is a requirement for successful completion of this course.

**Prerequisites:** AP Policy applies. **To be considered for AP Physics, students must be enrolled in, or have completed, Pre-Calculus and have an average of 90% in Algebra 2 and Pre-calculus.** Honors Chemistry students must have an 85% average for the year plus achieve a score of 85% or higher on the Chemistry regents. Students are required to complete and submit a summer assignment on the first day of school. **Seniors will take a final exam in May and juniors will be required to take the New York State Regents exam in June.**
517 AP Environmental Science  11, 12  1 credit
The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science. Unlike most other college science courses, environmental science is offered from a wide perspective of sciences, including biology, environmental studies, chemistry, and geography. This course provides students with an understanding and appreciation for the scientific principles, concepts, and methodologies required to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Students will explore how humans have altered natural systems throughout history and how technology and population growth have enabled humans to increase both the rate and scale of their impact on the environment. They will study how environmental problems have a cultural and social context and how human survival depends on developing practices that will achieve sustainable systems. Upon successful completion of the course, students will be expected to sit for the corresponding Advanced Placement examination in May. A summer assignment will be required for this course.  
**Prerequisite:** Successful completion of Regents or Honors Chemistry with passing on the Regents Chemistry exam and/or departmental recommendation. Juniors who have achieved 85% or higher in Chemistry are expected to take Physics. Juniors with less than an 85% should consider taking Conceptual Physics.

532 AP Physics 2  11, 12  1 credit
AP Physics 2 This is an algebra-based course and is the equivalent of a second semester college level physics course. Organized around seven foundational ideas, it covers fluid mechanics, thermodynamics, electric and magnetism, optics, and atomic and nuclear physics. As with AP Physics 1, the ability to develop and use physics knowledge by applying it to the practice of scientific inquiry and reasoning through increased experimentation and analysis is the core of this course. It is another challenging, lab-based physics class for those students who enjoy the study of physics. Students will take the AP Physics 2 exam in May. Those interested in a career in engineering or the physical sciences are encouraged to enroll.  
**Prerequisites:** AP Policy applies. AP Physics 1

516 AP Biology 11, 12   1 credit
The Advanced Placement Biology course is designed to be the equivalent of the introductory biology course usually taken during the first year of college. This course may enable students, as college freshmen, to meet the prerequisites for second year work in the biology sequence or to register in courses in other fields where general biology is a requirement. This course investigates the interrelationships of microbiology, biochemistry, anthropology, histology, psychology, chemistry, genetics, comparative anatomy, embryology and ecology. Molecular, cellular, organismal and population biology are central course themes. This is a course for a student who plans to major in biological science (Biology, Biochemistry, Pre-Med, Pre-Dental, Pre-Vet). A summer assignment will be required for this course. The AP exam is a requirement for the successful completion of the course.  
**Prerequisites:** AP Policy applies.  
**Optional:** Adelphi College credit (4 credits Juniors & Seniors only)  
St. John’s University college credit (4 credits Seniors only)

524 AP Chemistry 11, 12   1 credit
Advanced Placement Chemistry is designed to be the equivalent of an introductory chemistry course usually taken during the first year of college for those students pursuing college majors in medicine, pharmaceuticals, healthcare, engineering, environmental science and biochemistry. This course may enable some students, as college freshmen, to undertake a second-year work in the chemistry sequence or to register for courses in other fields where general chemistry is a prerequisite. Topics such as the atomic and molecular structure of matter, kinetics, and basic thermodynamics are investigated in considerable depth. Group inquiry learning methods are applied, further preparing students with the skills needed for undertaking rigorous college courses in the future. A summer assignment will be required for this course. The AP exam is a requirement for the successful completion of the course.  
**Prerequisites:** AP Policy applies.

537 Anatomy and Physiology 12  1 credit
This college-preparatory elective science course includes a detailed study of the human body systems. Anatomy is the study of the structure and relationship between body parts. Physiology is the study of the function of body parts and the body as a whole. Homeostatic balance, the relationship between structure and function, and the interrelationships between body systems are a focus throughout the course. This course is recommended for students interested in a health-related career, especially those students who plan to study medicine, nursing, physical therapy, and athletic training. The course may also be helpful for those students who plan to enter education as either a life-science or physical education teacher. Laboratory activities will include several microscopic analyses of tissue specimens as well as several dissections to accompany the subject matter.  
**Prerequisites:** Successful completion of Regents/Honors Living Environment, Regents/Honors Chemistry, Physics, or AP Environmental Science.
WORLD LANGUAGES

639 Latin Roots and Derivations 9 ½ credit
This ½ credit course is required of all freshmen students. The emphasis is on Latin roots, prefixes, suffixes, and derivations. The course is designed to increase competency and recognition in vocabulary utilized in standardized tests (PSAT/SAT/ACT). While students are learning these Latin roots, they will also increase their skills in other foreign languages.

611 French 1 1 credit
This course provides a basic training in the language skills of listening, speaking, reading and writing in French. Knowledge of the structures of the language is acquired as well as knowledge of vocabulary and the culture of the French people.

612 French 2 1 credit
The parallel development of the four basic skills continues: integrated listening, speaking, reading and writing. The materials used (text, teacher supplementary materials) promote the acquisition of language. Structure drills, written and oral exercises develop the mastery of grammatical structure. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: Incoming Freshmen who have already achieved NYS High School credit in French 1 (5 times per week, 45 minutes per class) and passed FLACS A Exam. Placement exam also required.

622 French 2 Honors 1 credit
This course covers the content in French 2 with heavier concentrations in listening, speaking, reading and writing. Beginning elements of third year French will be introduced in the last quarter. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: Honors Policy applies.

613 French 3 1 credit
The interdependence and further study of the four basic skills aimed to achieve language in culture and language for communication continues through more advanced reading materials, controlled composition, situation settings, oral reports and conversations. A mandatory summer assignment will be required of all students entering this course.

623 French 3 Honors 1 credit
This course covers the content in French 3 with heavier concentrations in the four basic skills. Beginning elements of fourth year French will be introduced in the last quarter. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: Honors policy applies.

624 French 4 1 credit
The fundamental goal of this course is twofold: to foster a greater mastery of spoken and written French through improving verbal fluency, listening comprehension, and written composition and to deepen the students’ understanding of world communities through an examination of French and francophone history and literature. Classroom activities and assignments will include oral and written reports on the influence and importance of French culture in the contemporary world. The course is designed to embed a review and analysis of essential grammar and structure in the context of the literary and cultural readings. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: French 3/3H

615 French 4 Honors 1 credit
This course presents important events and key figures in French history and civilization. Major authors are read. During the course of study, there are ongoing reviews of essential, previously learned grammar, as well as introductions to more advanced skills and concepts. In addition, there are oral presentations and written assignments based on the readings. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: Honors Policy applies.
Optional: Adelphi College credit (up to 6 credits)

626 French 5 Honors 1 credit
French Level 5 is designed to provide seniors who have completed French 4 or French 4 Honors with the opportunity to continue language studies on an advanced level. The goal is to facilitate the transition from the high school world language classroom to a more sophisticated college elective studies, while empowering students with the tools to progress from Checkpoint B proficiency to Checkpoint C language competency. The learning objectives of French 5 are aligned with both NYS Checkpoint C learning standards and ACTFL performance assessment goals for intermediate-low to intermediate-high levels of communication in languages other than English. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: Honors Policy applies. French 4/4H.
Optional: St. John’s college credit pending.
601  Italian 1  
In this course, the four basic skills in language learning are introduced: listening, speaking, reading and writing. Oral and written work is stressed. Vocabulary, pronunciation and grammar are a vital part of the program. The culture of the Italian-speaking people forms an integral part of the course.

602  Italian 2  
The parallel development of the four basic skills continues: integrated listening, speaking, reading and writing. The materials used in class and homework promote the acquisition of language. Structure drills, written, listening, and oral exercises develop the mastery of communicative and grammatical structures. A mandatory summer assignment will be required of all students entering this course.  
Prerequisites: Incoming Freshmen who have passed Italian 1, FLACS A Exam, and have satisfied one NYS High School credit in Italian (5 days a week, 45 minutes per class) may be placed in Level 2. Placement exam also required.

605  Italian 2 Honors  
The course content is same as in Italian 2, with heavier concentrations in listening, speaking, reading and writing. Beginning elements of third year Italian will be introduced. A mandatory summer assignment will be required of all students entering this course.  
Prerequisites: Honors Policy applies.

603  Italian 3  
This course continues the grammatical and communicative structure of the second year with greater emphasis on aural, oral, written and reading work. The Checkpoint B cumulative examination will be taken in June. A mandatory summer assignment will be required of all students entering this course.

606  Italian 3 Honors  
The course content is the same as in Italian 3. Enrichment in the language in second part of the course will include examples of AP Italian Language. The Checkpoint B cumulative examination will be taken in June. A mandatory summer assignment will be required of all students entering this course.  
Prerequisites: Honors Policy applies.

604  Italian 4  
The primary focus of this course is to improve students’ oral communication skills through the use of thematic vocabulary and idiomatic expression in contextual situations. Student centered activities will include oral reports on topics of contemporary cultural interest. Students will be able to summarized and analyze orally and in writing excerpts from contemporary short stories and newspaper articles by Spanish authors. The course will also emphasize the contributions of Hispanics to world cultures. A mandatory summer assignment will be required of all students entering this course.  
Prerequisites: A student musts have a minimum averag of 80% over 3 years of Italian as well as departmental recommendation for admittance to Italian 4.

608  AP Italian Language and Culture  
This course is designed for students who have a good command of Spanish grammar and syntax in the four skills of language acquisition – reading, writing, speaking and listening comprehension. A greater emphasis will be placed on grammar, reading comprehension, oral exercises, and essay writing. Cultural expositions will abound through literary readings and internet-based activities. The Advanced Placement examination is a requirement for the successful completion of this course. A mandatory summer assignment will be required of all students entering this course.  
Prerequisites: AP Policy applies.

641  Spanish 1  
In this course, the four basic skills in language learning are introduced: listening, speaking, reading and writing. Oral work is stressed. Vocabulary, pronunciation and grammar are a vital part of the program. The culture of the Spanish-speaking people forms an integral part of the course. Some summer work will be expected if the student is continuing on to Spanish 2 or Spanish 2H.

642  Spanish 2  
This course builds upon the foundation of Level 1. The development of conversational patterns through dialogues is drilled. There is an increasing concentration on grammar structures, vocabulary and idiomatic expressions. The ability to write well is helped through composition work. An ongoing teaching of Spanish culture is an important part of the course. Some summer work will be expected if the student is continuing on to Spanish 3 or Spanish 3H. A mandatory summer assignment will be required of all students entering this course.

648  Spanish 2 Honors  
Freshmen who have satisfied 1 NYS high school credit in Spanish 1 in Middle School or Junior High School and achieved a passing average may be eligible for this course. Official confirmation from previous school will be required to confirm NYS seat time of 5 times a week for 45 minutes each has been met. See course description 642 Spanish 2 above. Some summer work will be expected to advance to Spanish 3 or Spanish 3H. A mandatory summer assignment will be required of all students entering this course.
652  Spanish 2 Honors
This course covers similar content as in Spanish 2 with heavier concentrations in reading, speaking and writing. Beginning elements of third year Spanish will be introduced in the last Quarter. Some summer work will be expected if the student is continuing on to Spanish 3 or 3 Honors. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: Honors Policy applies.

643  Spanish 3
This course continues the grammatical and communicative structure of the second year with greater emphasis on aural, oral, written and reading work. A mandatory summer assignment will be required of all students entering this course.

653  Spanish 3 Honors
The course content is the same as in Spanish 3. Enrichment in the language in second part of the course will include examples of Spanish 4, 5, and AP Spanish Language. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: Honors Policy applies.

646  Spanish 4
The primary focus of this course is to improve students’ oral communication skills through the use of thematic vocabulary and idiomatic expression in contextual situations. Student centered activities will include oral reports on topics of contemporary cultural interest. Students will be able to summarize and analyze orally and in writing excerpts from contemporary short stories, newspaper articles, and poems by Spanish authors. The course will also emphasize the contributions of Hispanics to world cultures. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: A student must have a minimum average of 80% over 3 years of Spanish as well as departmental recommendation for admittance to Spanish 4.

645  Spanish 4 Honors
This is a cultural communication course in which students are provided with the motivation, vocabulary and structure that will enable them to discuss their ideas, interests and personal experiences in addition to attitudes, opinions and reactions. The cultural focus is on a global awareness of the Spanish-speaking world. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: Honors Policy applies.
Optional: Adelphi college credit (up to 6 credits)

663  Introduction to Spanish Literature
This course presents significant authors of Spanish literature from the Medieval Period to the 20th Century. It also offers selective pieces of Spanish American literature from the Colonial Period to the 20th Century. This includes poetry, short stories, novels and drama, with a particular focus on contemporary women authors. Report and/or term paper is required from students each quarter.
Prerequisites: A student in Spanish 3/3H must achieve an average of 85% over three years of Spanish. Departmental recommendation is required.

656  AP Spanish Language and Culture
This course is designed for seniors who have a good command of Spanish grammar and syntax in the four skills of language acquisition: reading, writing, speaking, and listening comprehension. A greater emphasis will be placed on grammar, reading comprehension, oral exercises, and essay writing. Cultural expositions will abound through literary readings and Internet based activities. The Advanced Placement examination is a requirement for the successful completion of this course. A mandatory summer assignment will be required of all students entering this course.
Prerequisites: AP Policy applies. A junior must have completed Spanish 3, 4, or Literature.

661  Foreign Film Studies: Understanding Foreign Cultures through Cinema
The primary focus of this film course is to expose students to different languages and cultural views portrayed in Spanish, French, Italian, and German films. Students will learn about the genres Classicism, Realism, Neo-Realism, Expressionism, and Modernism in each of these target cultures. Students will also discuss and analyze contemporary aspects of language, culture, and world view. This film course is also intended to help students connect ethical dilemmas and issues raised in these films to the contemporary world.
ART
(All of these art courses follow the NYS Standards.)

708 Elements of Art Studio I A 9 ½ credit
This course is a half-year studio art course. The elements of art will be explored in several mediums along with an introduction to a variety of artists and artistic styles.

792 Basic Art/Studio I 9 1 credit
A full year studio art course for students who want to learn how to create beautiful works of art using a variety of drawing, painting, and dimensional techniques and supplies.

718 Principles of Art Studio I B 10 ½ credit
This course is a half-year studio art course. The principals of art will be explored in a variety of mediums along with an introduction to the history of art.

702 Basic Art/Studio II 10 1 credit
A full year hands on art course that introduces students to materials, techniques, and processes essential to understanding the visual arts through a series of projects along with reading and writing. Students who are interested in expressing their ideas visually will enjoy this course. This class is open to all sophomores.

772 Basic Art Studio II Honors 10 1 credit
This is an accelerated full year art course where concepts and ideas are expressed in various mediums to create visual expression with an introduction to a variety of artists and historical eras. Art service hours and summer assignments are required. Students who want to major in the Arts in college should pursue this course.
Prerequisites: Honors Policy applies. 708 Elements of Art Studio I A or 792 Basic Art/Studio I. A review of previous work habits, departmental evaluation of three completed portfolio pieces, performance test and survey are required. You will be invited if all of the criteria have been successfully met.

703 Design/Drawing Studio III 11 1 credit
This is a full year hands on art course that expands students’ experiences with materials, techniques, concepts and processes essential to understanding the visual arts through a series of projects along with reading and writing that reflects art in the real world. Students who are interested in expressing their ideas visually will enjoy this course. Students will be required to do summer projects. This course is open to all juniors.

773 Design/Drawing Studio III Honors 11 1 credit
An accelerated full year art course where a variety of advanced drawing, painting and design experiences are explored along with various artists and historical eras. Art service hours and summer assignments are required. Students who want to major in the Arts in college should pursue this course. You will be beginning your college portfolio.
Prerequisites: Honors Policy applies. 772 Basic Art/Studio II Honors 10.

704 Drawing/Painting Studio IV 12 1 credit
A full year advanced art class that is based upon previous visual studio art experiences that will culminate in a deeper understanding of the visual arts. Hands-on projects will reflect student’s talent and uniqueness. Students will be required to do summer projects. This course is open to all seniors.

774 AP Portfolio 12 1 credit
Only serious art majors who can work independently will be considered. This course follows the College Board Drawing, 2-D Design or 3-D Design Portfolio guidelines. Submission in May to the College Board requires a minimum of 5 actual pieces to be sent. Twelve (12) images in the Concentration section and 12 images in the Breadth section which both of these sections are submitted on-line. Area of concentration must be determined at the end of the third quarter in junior year. Art service hours and summer assignments are required.
Prerequisites: AP Policy applies. 708 Elements of Art Studio I A9 or 792 Basic Art/Studio I, 772 Basic Art/Studio II Honors or 702 Basic Art/Studio II Honors and 703 Design/Drawing/Studio III Honors or a typed letter of intent and recommendation from the department chairperson, review of current grades and work ethic along with current portfolio.

776 Fashion Design for the Movies 11, 12 1 credit
This is a full year course that will concentrate on designing clothes for the movies. Students will study the work of famous costume designers, learn about fabrics and illustrate their own creations. This class is open to all juniors and seniors.
785 Graphic Design I 11, 12 1 credit
A full year course that will provide the artistic concepts necessary for students to advance in this field of study to meet the challenges of the contemporary art world where the importance of typography plays such a vital role. Students in enrolled in this Art course will be required to take a midterm and final examination to work on Sacred Heart Academy’s advertising and media campaigns. Summer assignments are required.
Optional: St. Joseph’s College credit (3 credits)

790 Graphic Design II (Introduction to 3D Printing) 12 1 credit
This is a full year Senior Introductory course to learn how to navigate in 3D software. Students will learn how to navigate through programs such as Sketchup, and other CAD software as well as Adobe Illustrator and Photoshop. 3D printing is here to unlock the potential in every person to create, innovate and fabricate. This course is to prepare students for current and emerging careers in those fields.
Prerequisites: Graphic Design I or permission of Department Chairperson.

784 Digital Photography/Photoshop I/Yearbook 11, 12 1 credit
A full year course where students will take photographs of many school events as well as assigned projects. They will learn the engineering of a camera as well as the basic elements of photography, which include technical skills of camera operations, composition and lighting. The images will be brought into the digital dark room of Adobe Lightroom & Photoshop where the students will learn digital editing tools and a variety of digital photo editing techniques. To further multiple interdisciplinary learning students will learn photojournalism techniques. These photos will be used for SHA’s yearbook, website, newsletters and advertising. Students are required to cover after school events for graded classwork. Summer assignments are required.

791 Digital Photography/Photoshop II/Yearbook 12 1 credit
A full year course that is a continuation of Digital Photography/Photoshop I/Yearbook where students will take original photographs from photo shoots into the darkroom of Photoshop. They will learn the engineering of a camera as well as the basic elements of photography, which include technical skills of camera operations composition and lighting. The images will be brought into the digital darkroom of Photoshop where the students will learn digital editing tools and a variety of digital photo editing techniques. These photos will be used for SHA’s yearbook, website, newsletters, and advertising. Students are required to cover after school photo shoots for service hours.
Prerequisites: 784 Digital Photography/Photoshop I/Yearbook
**MUSIC**

729 **Basic Music A 9**  
½ credit  
This is a half-year exploration of the elements of music. Students will develop knowledge to identify the elements—melody, harmony, rhythm, pitch, form, texture, dynamics, tone color, and style—through a variety of performing media. This course is taken along with Basic Art A, one course in the Fall and one in the Spring.

736 **Basic Music B 10**  
½ credit  
This is a half-year course that builds upon the elements of music and explores them through a variety of themes that are found throughout music history. Musical themes and genres are traced from the medieval period to the modern day through a variety of musical examples and composer studies, while always looking at these within a historical context. This course is taken along with Basic Art B, one course in the Fall and one in the Spring.

722 **Music Theory 10**  
1 credit  
This is the first year of the music sequence. An in-depth study of the elements of theory will be undertaken, including notation, rhythm, key signatures, intervals, chord construction, melodic design, and four-part writing. There is an emphasis on cooperative learning and project-based application of these concepts. Ear training, including sight singing and dictation, will also be introduced. This is a two-year course, and students who take Music Theory as a sophomore must take Advanced Music Theory as a junior.

739 **Music Theory Honors 10**  
1 credit  
This is the first year of the music sequence. An in-depth study of the basics of music theory will be undertaken, including notation, rhythm, key signatures, intervals, chord construction, melodic design, and four-part writing. There is an emphasis on cooperative learning and project-based application of these concepts. Ear training, including sight singing and dictation, will also be introduced. This material is presented at an accelerated pace with a more in-depth approach. As this is a two-year course, students who take Music Theory as a sophomore must take Advanced Music Theory as a junior.  
**Prerequisites:** Honors Policy applies. Department recommendation needed for students who did not take music as a freshman.  
**Optional:** College credit pending.

723 **Advanced Music Theory 11**  
1 credit  
This is the second year of the music sequence and continues to build on topics learned in Music Theory 10. More advanced concepts, such as non-harmonic tones, secondary dominants, modulation, and polyphonic music will be covered. Emphasis will be placed on in-depth projects completed both cooperatively and individually. Mid-Term and Final projects will be completed in lieu of Mid-Term and Final examinations. Sight singing and ear training concepts are also continued.  
**Prerequisite:** Music Theory 10

732 **Advanced Music Theory Honors 11**  
1 credit  
This is the second year of the music sequence and continues to build on topics learned in Music Theory 10. More advanced concepts, such as non-harmonic tones, secondary dominants, modulation, and polyphonic music will be covered. Emphasis will be placed on in-depth projects completed both cooperatively and individually. Mid-Term and Final projects will be completed in lieu of Mid-Term and Final examinations. Sight singing and ear training concepts are also continued. This material is presented at an accelerated pace with a more in-depth approach.  
**Prerequisites:** Honors policy applies. Any student who has not taken Music Theory Honors 10 is not eligible for college credit (pending), nor is any student who took Music Theory Honors 10 but did not choose to register for the college credits.  
**Optional:** Adelphi college credit pending.

740 **AP Music Theory**  
1 credit  
This course is the third year of the music sequence, and it is a continuation of Advanced Music Theory 11. Topics include transposition, orchestration, form and analysis, counterpoint, and original composition. These are applied through individual projects and AP test preparation. Mid-Term and Final projects will be completed in lieu of Mid-Term and Final examinations. This is the third year of the music sequence, and the Advanced Placement examination is a requirement for the successful completion of this course.  
**Prerequisites:** AP Policy applies.

725 **History of Music/ Musical Theatre - Honors 12**  
1 credit  
This is a complete history of music from Baroque to Contemporary. Stress is placed on composers, musical selections and forms. Presentations are not technical since this course is an opportunity for non-musicians to appreciate more varied music. Musical elements and vocabulary are studied to achieve a deeper understanding of the art. The spring semester offers a study of the origins of Musical Theatre in America. The course consists of an in-depth study of several musicals including plot, character analysis, musical selections and literary content. This may be taken in place of AP Music Theory/Advanced Harmony 12 to satisfy the 3rd year of the Music sequence.  
**Prerequisites:** Honors Policy applies.
761 Instrumental Ensemble

Students will study a variety of styles of music literature, focusing on techniques such as proper breathing/bowing, tone quality, intonation, development of range, articulation, and style. Students will analyze music both visually and aurally so that they may recognize and identify the elements of music and compositional techniques that are used. Development of sight reading skills will be emphasized in order to create more autonomous musicians. Class will be meeting three times a cycle with additional required sectional rehearsals held during school on a rotating basis. Other required events that are outside of school hours include, but are not limited to: dress rehearsals, Christmas Concert, Spring Concert, Open House, and other events as announced. Registration for the NYSSMA festival is available through the department and it is encouraged, but not required, of ensemble members. At least two years of experience on an instrument are needed, and strong sight-reading skills are a plus. Mid-term and final exams will be given, each with a performance and written component. An audition will be required for all new members. Advanced students may also be invited to participate in the Chamber Ensemble, which is a smaller, more select instrumental group that meets after school as a club once a week.

764 Chorus

This course helps prepare singers for performance. The technical skills of singing (such as breathing, diction, phrasing, dynamics, expression, etc.) will be explored through a wide variety of vocal literature. This literature will also be put into a historical and stylistic context to foster a deeper understanding and more meaningful performance. Students will also learn sight singing and music reading. Teamwork will be strongly emphasized, culminating in the Christmas and Spring Concerts, which are course requirements. In addition, students will be encouraged to pursue personal goals. They will be able to learn about and take advantage of many other opportunities to perform, including NYSSMA and various community service events. Class will be meeting three times a cycle with additional required sectional rehearsals held during school on a rotating basis. Dress rehearsals, the Christmas and Spring concerts, and other performances as announced are also required. Mid-term and final exams will be given, each with a performance and written component. An audition will be required for all new members. Advanced students may also be invited to participate in the Chamber Chorus, which is a smaller, more select choral group that meets after school as a club once a week.
PHYSICAL EDUCATION – HEALTH

-Ninth and Tenth grade students may elect to take Dance or Physical Education.
-Eleventh and Twelfth grade students may elect to take Dance, Physical Education or Lifetime Activities.

896 Dance 9/10x
Beginner tap and ballet will be the focus of this course. Ballet is an intense study of anatomically correct technique of the Russian Vaganova methodology which includes barre work, center work, terminology and historical reference. Tap is taught as a percussive form and medium, emphasizing sound and rhythmic patterns. Various styles explored are Precision (Rockettes), Rhythm, and Broadway Tap.

897 Dance 11/12x
This course is a combination of ballet, tap, yoga, and choreography. Meditation and Yoga is also included as part of an important healthy lifestyle in maintaining balance and managing stress in daily life. This includes exercises in breathing techniques: guided and non-guided meditation.
Prerequisite: Dance 9 & 10 or Teacher approval.

900 Physical Education 9/10x
The Physical Education program is a required course based upon the acquisition of knowledge, skills, attitudes and values that are the foundation for engaging in physical activity. Emphasis is placed on helping the students achieve their best in the following activities: soccer, volleyball, European handball, strength training, endurance training Project Adventure, basketball, badminton, pickle ball and floor hockey. Students use the basic principles of skill analysis to improve previously acquired skills and to continue to learn new skills and activities.

916 Physical Education 11/12x
This is an elective course emphasizing the development of team and lifetime sports: soccer, volleyball, yoga, European handball, floor hockey, badminton, pickle ball and floor hockey. The students will understand that physical activity provides the opportunity for enjoyment, challenge, self-expression and communication. Students will have the knowledge of understanding the physical, social, emotional benefits of physical activity, and accept physical activity as an important part of their lives.

895 Lifetime Activities 11/12x
This course will give student the knowledge and experience in a number of leisure activities that they can perform throughout their lifetime in order to maintain a healthy and well-balanced lifestyle. This course will also expose students to the outside world and give them the knowledge and power to participate in activities outside of a school setting. The activities this course will offer are activities that are currently popular all over the country but will also offer activities that are unique to Long Island living.

912 Health 10
Health emphasizes the importance of responsible decision making to a student’s overall wellness. Students sharpen their judgment as they consider health issues and learn how to apply decision-making skills to their own lives. By learning to evaluate their own knowledge and behavior, students are better equipped to face critical health issues. Health encourages students to look closely at their own lifestyles and set goals for improving their well-being. Topics discussed in the health course include mental health, drugs as medicine, drugs of abuse, alcohol use and abuse, tobacco, vaping, nutrition, weight control, fitness, abstinence, pregnancy and sexually transmitted diseases. Successful completion of this course is necessary to satisfy the New York State school diploma requirements.