



Bishop Guertin HIGH SCHOOL

Brothers of the Sacred Heart

Dear Parents and Students:

We are happy to present the Program of Studies for the 2022-2023 academic year at Bishop Guertin High School. The Program of Studies contains information regarding graduation requirements, academic program descriptions, and course prerequisites.

Course selections are a collaborative effort between parents, students, teachers, department chairpersons, and school counselors. Please read the course descriptions carefully so that you choose classes that are both appropriate and challenging. Also, pay particular attention to course prerequisites which may include minimum grade requirements, previous courses, recommendations, interviews, and/or portfolios. Students may request admission into Honors and Advanced Placement courses; however, final placement will be determined by the department chairperson based on input from the student, current teachers, and the school counselor.

Bishop Guertin High School is committed to educating the whole person. To this end, we encourage students to select diverse courses to ensure a well-rounded education that will extend beyond the four years spent here at Bishop Guertin.

We wish you a happy and successful school year!

Mr. Jason Strniste
Principal

Mr. Daniel Gurall
Vice Principal

Brenda Poznanski
Director of School Counseling

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Our Vision

Faithful to the educational tradition of the Brothers of the Sacred Heart, we, the Bishop Guertin High School community, form the whole young person in our care. Through all aspects of this formation, we strive to develop young people to their greatest potential, especially in their contribution toward the world around them and in their faith in a loving God.

Our Mission

As a Catholic, co-educational, college preparatory high school, we, the Bishop Guertin High School community, serve the young people entrusted to our care.

Building upon the educational tradition of the Brothers of the Sacred Heart, we develop a school community which includes students, parents, faculty, staff, alumni, and friends. Together we foster an environment of respect, compassion, and trust in which young people can grow and develop.

The formation of the spiritual, intellectual, creative, emotional, social, and physical dimensions of each person is made possible within a safe, supportive, faith-filled environment in which each person is known, valued, and treasured.

We accept the challenge of educating young people in a diverse and rapidly changing world. Through a rigorous college preparatory curriculum and an extensive extra-curricular program, we promote life-long learning that is not only about success for today, but also about formation for tomorrow.

We - young people and adults alike - accept the ongoing challenge to grow as people of integrity who understand the responsibility to use our many gifts creatively in the service of others.

We strive to form tolerant, just, and involved men and women of faith who accept the task of building the Kingdom of God and of transforming, for the better, the world in which they live.

Commitment to Academic Integrity

Bishop Guertin High School prides itself in instilling the importance of academic integrity in all students. Bishop Guertin students are expected to adhere to the standards of academic integrity as outlined in the student handbook. Students are expected to conduct their studies in an honorable manner and with a dedication to true scholarship and learning, as opposed to the mere pursuit of grades and academic awards.

Graduation Requirements

Students are required to complete a minimum of 24 credits for graduation from Bishop Guertin High School. Students are required to take seven credits per semester. Full-year courses are valued at one credit and semester courses are valued at 0.5 credit. The following are required credit areas:

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Theology	4 credits	Theology is required each year while a student is in attendance at Bishop Guertin High School
English	4 credits	Introduction to Literature, World Literature, American Literature, and British Literature
Mathematics	3 credits	Algebra I, Geometry, and Algebra II
Sciences	3 credits	Biology, Chemistry, and Physics
World Languages	2 credits	
Social Studies	3.5 credits	Citizenship and Government (0.5 credit), World History, U.S. History, Economics (0.5 credit), and mandatory elective (0.5 credit)
Health and Fitness	1.5 credits	Physical Education (0.5 credit) is required of all students in Grade 9 Health (0.5 credit) is required of all students in Grade 10
Computer Science	1 credit	Explorations in Computer Science (0.5 credit)
Fine Arts	1 credit	

Remaining credits may be earned with electives from any department.

Note: In case of a change to graduation requirements, an addendum will be published in a time-sensitive manner. *Please see appendix for sample four-year schedule and transcript.*

Course Levels

All courses at Bishop Guertin High School are college preparatory. Students are challenged to develop creativity, problem solving, and critical thinking skills, and to maintain academic excellence and a commitment to Christian values. **Students do not self-select Honors or Advanced Placement courses.** Placement decisions are made by departmental recommendations and are based on previous grades, testing, motivation, balance, and the maturity of the individual student.

All students at Bishop Guertin possess a good command of reading, writing, and mathematical concepts. Students are expected to have the ability to master academic areas requiring memorization, comprehension of concepts, and application of materials. The students will work toward the development of more in-depth critical thinking and study skills. Emerging mastery in the areas of analysis, synthesis, and criticism are a goal. All students will establish the facility to self-motivate through realistic amounts of academic work, utilizing pacing skills. It is expected that all students bring enthusiasm and self-direction to their studies. Although some students may require assistance in the learning process, there is the expectation that they be willing to expend the energy to master their work, seek assistance as required, and follow through with academic commitments.

Note: All transfer students will be placed in appropriate levels upon review of their previous course of study.

Honors

Students at the Honors level are recommended for placement by their teachers and the individual department chair. They not only have strong foundational skills found in a college level student, but they also demonstrate self-direction and readily approach a greater depth and breadth of academic study. These students easily move beyond memorization and comprehension skills. They master broad ranging academic studies and demonstrate the ability to transfer and integrate knowledge through various subject areas. The Honors level student has acquired the skills of analysis, synthesis, and criticism. It is assumed that the Honors level student has established study skills and can work independently at an accelerated pace, enjoying the challenge of in-depth studies. This student can work with direction on abstract concepts.

Advanced Placement

Students at the Advanced Placement level not only have all the skills and abilities of the Honors level student, they also have the capacity for an intensive and more refined study, sophisticated research, and superior laboratory skills. The recommendation for placement is the result of the student's previous significant academic achievement and their teacher's and department chair's recommendation. The successful Advanced Placement student demonstrates a mature work ethic and the ability to learn independently, work in abstract thought processes, and utilize knowledge in new applications. Students accept the expectation that they engage in university-level instruction, assessment procedures, and grading while completing the course through mandatory participation in the Advanced Placement Exams. Students may earn accelerated placement or college credit based upon the policies of the individual colleges.

In order to provide the highest quality of AP success, all course requests require department chair approval and/or a personal interview. AP courses may require additional lab time in order to meet expectations.

Advanced Placement con't.

Bishop Guertin High School offers many AP courses annually. Students who enroll are expected to take the course for its duration, and they are expected to take the appropriate AP exam with a good-faith effort. Students who do not take the exam with a good-faith effort or who have their scores invalidated by the College Board after they take the exam will receive a reduction in credit from AP to Honors for the course in question.

Students who enroll in an AP course are required to sign a binding **AP Contract** that outlines these requirements. The contract must be signed by the department chair, school counselor, student, and parent. Students will be placed in AP courses only after the contract is signed by all parties. Students are responsible for exam fees as set by The College Board.

Bishop Guertin High School does not recommend that a student take more than three Advanced Placement courses in any one year without specific review and recommendation from his/her counselor and approval by the Vice Principal.

Schedule Changes

Policy

Bishop Guertin High School will attempt to honor the course requests of all students. Students will be advised of conflicts and asked to select alternative courses. Schedule changes may also occur if a student does not meet prerequisites or if there has been an error in placement. In some cases, under-enrollment, staffing, or course conflicts may make requested scheduling impossible. Once schedules have been printed, few changes will be made. Requests for schedule changes must be made through the student's counselor.

We encourage students to experience as many different teaching styles and peer groups as possible; therefore, **schedule changes will not be made for the purpose of being with preferred teachers or classmates.**

Procedure

Once school has begun, no requests for schedule changes may be made until after students have completed one full rotation of the class schedule or four, full school days. After the completion of the eight-day rotation, schedule changes may only be initiated by the teacher and/or school counselor in concert with the appropriate department chairpersons. Before any schedule change will be considered, the student must have worked to design proactive steps to improve performance such as: reviewing with the teacher before tests, seeking consistent extra help, tutoring, developing more effective study strategies, and fulfilling all assignments required for the class. **At no time will changes be processed simply due to poor performance if there has been no attempt to work through academic challenges. Schedule changes will not be made without department chair approval.**

Withdrawal from Courses

In the extenuating circumstance that a student withdraws from a course before its conclusion, a "Withdraw" or "Withdraw with Fail" will appear as appropriate on the student's transcript. No credit will be received for a course which has not been completed. This is of particular importance to seniors, as withdrawing from a course will have a negative impact on your college admission process.

GPA Weighting

Letter	Numerical Grade	AP	Honors	College
A+	97 - 100	5.00	4.66	4.33
A	93 - 96	4.66	4.33	4.00
A-	90 - 92	4.33	4.00	3.66
B+	87 - 89	4.00	3.66	3.33
B	83 - 86	3.66	3.33	3.00
B-	80 - 82	3.33	3.00	2.66
C+	77 - 79	3.00	2.66	2.33
C	73 - 76	2.66	2.33	2.00
C-	70 - 72	2.33	2.00	1.66
D+	68 - 69	2.00	1.66	1.33
D	65 - 67	1.66	1.33	1.00
F	Below 65	0.00	0.00	0.00

Honor Roll

Honor Roll at Bishop Guertin is calculated by GPA on a semester basis:

President's List:	Quarterly GPA of 4.25 and above
First Honors:	Quarterly GPA of 4.00 to 4.24
Second Honors:	Quarterly GPA of 3.66 to 3.99
Honorable Mention:	Quarterly GPA of 3.33 to 3.65

Any grade of C- or lower will exclude a student from Honor Roll consideration

Midterm and Final Exams

The semester examination process is integral to our students' formation in the areas of scholarship, preparation, and time management. Bishop Guertin High School requires all students to sit for midterm and final examinations near the end of each semester. Although midterm and final exam grades do not appear on a student's final transcript, they do account for 20% of the semester grade and as such factor into a student's GPA. *Please see appendix for sample transcript.*

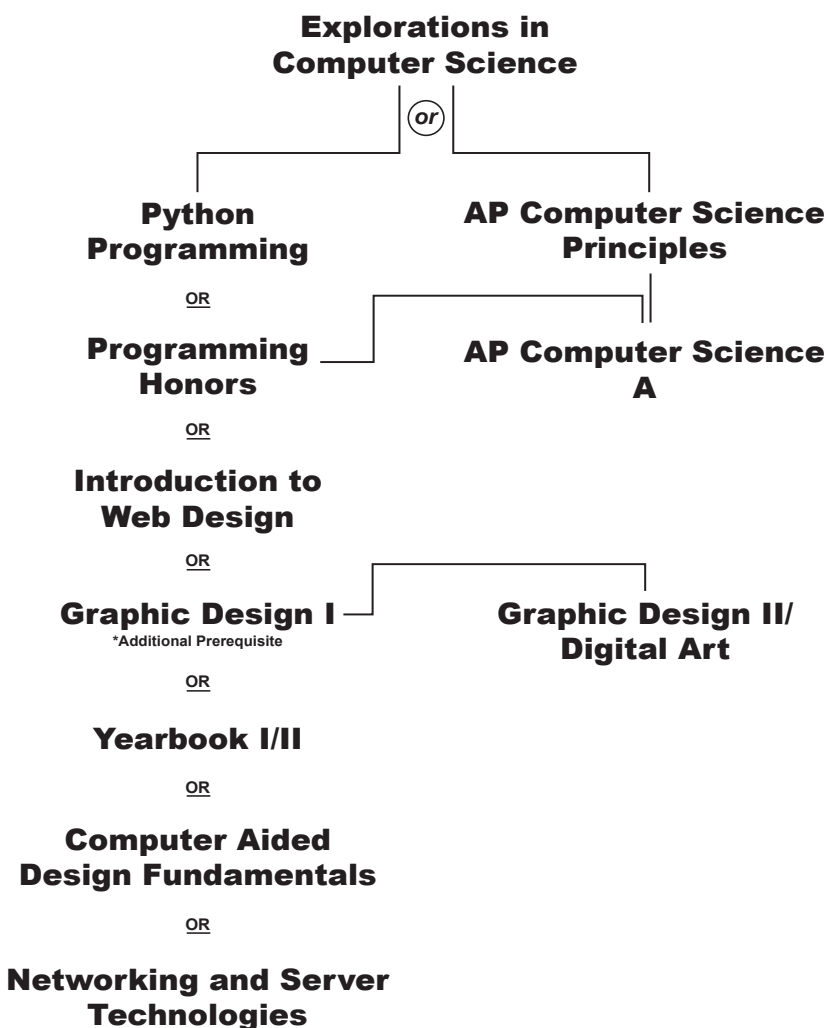
Note: Summer School is required if a student earns a D or D+ in a World Language course necessary to move to the next course of a series (e.g. Spanish I to Spanish II). Summer school is strongly recommended for grades of D or D+ earned in all other courses. A failing grade cannot be redeemed in summer school.

Department of Computer Science

The Computer Science Department at Bishop Guertin presents a curriculum designed to prepare students for the 21st century where computers are ubiquitous. Building upon a foundation with Explorations in Computer Science, students have the option to take a number of focused elective courses. Depending on their goals and interests, they can take a technical computer science path with advanced programming courses or a media path with courses in graphic arts and multimedia.

Note to the incoming student: Most students are enrolled in Explorations in Computer Science, including those who previously have studied computer applications. This is generally the most appropriate placement, due to the tremendous differences in middle and junior high school computer course selections.

Department of Computer Science Course Progression



Explorations in Computer Science (813) **Grade 9 - 12** **½ year** **0.5 credit**

This course fulfills a graduation requirement.

This course targets the majority of freshmen entering Bishop Guertin and is designed to give students a practical understanding of what Computer Science is and how it can be applied to all other subjects. Topics of study include human/computer interaction, problem solving, web design, basic video editing, and introduction to programming. Units on internet safety, ethical use of computers, and the societal impact of computing will be covered.

Computer Aided Design Fundamentals (816) **Grade 9 - 12** **½ year** **0.5 credit**

Prerequisite: *Explorations in Computer Science*

This course introduces students to Computer Aided Design (CAD) software, allowing them to produce two-dimensional drawings and three-dimensional models. The lessons cover the user interface of the tool, creating and assembling 3D parts, and designing complex shapes using surface modeling tools, which can then be generated using a 3D printer. *Students must have a physical computer mouse (not simply a laptop's trackpad) to maximize the features of CAD software on their computers.*

Python Programming (818) **Grade 10 - 12** **½ year** **0.5 credit**

Prerequisite: *Explorations in Computer Science*

This programming course gives students a deeper understanding of programming concepts beyond what ECS covers. Using the industry standard language Python, students will learn about variables, decisions, loops, functions, arrays, and software libraries. The course focuses on universal concepts, and programming on multiple platforms (e.g., Windows, iOS, Android) will be discussed and examined. This course is recommended for students interested in STEM fields other than computer science, where a knowledge of programming is a useful, often required, skill.

Programming Honors (823) **Grade 10 - 12** **½ year** **0.5 credit**

Prerequisite: *Explorations in Computer Science and department chair approval*

This course is a more in-depth programming course and covers C# application development using Visual Studio .NET. Topics range from a review of the fundamental programming concepts to the introduction of new topics such as arrays, file access, and Object-Oriented Design. This is a project-based course. This course is recommended for students with a greater interest in programming and can be used as a prerequisite for the AP Computer Science A course.

Networking and Server Technologies (826) **Grade 9 - 12** **½ year** **0.5 credit**

Prerequisite: *Explorations in Computer Science*

This course will teach essential networking technologies and skills, including TCP/IP, stable network creation, wireless networking, mobile devices, and network troubleshooting. Students will learn to use various network components and protocols that enable users to share data quickly and easily. Students will explore the different types of transmission media and learn how network architecture and topologies provide for efficient and secure communication. Students will also learn about the importance of routing and explore IP addressing. In addition, students will learn about the OSI reference model and will explore essential network security concepts, Internet-based challenges facing today's users, and methods you can use to secure networks and network transmissions, including authentication, encryption, and firewalls.

Graphic Design (833) **Grade 10 - 12** **½ year** **0.5 credit**

Prerequisite: *Art I and any other Computer Science course*

This course, which is eligible to satisfy an art or computer science requirement, is designed to acquaint students with concepts in the art of graphic design from logo development and messaging to introductory exercises and rendering in Photoshop. Students will use Adobe Illustrator and Adobe Photoshop as the mediums in rendering creative solutions to different digital challenges.

Digital Art (834) **Grade 11 - 12** **½ year** **0.5 credit**

Prerequisite: *Art I, Art II and Graphic Design*

This course, which is eligible to satisfy an art or computer science requirement, is designed to further acquaint students with concepts in the art of graphic design from logo development and messaging to package/promotional art through concepts in digital painting and image manipulation/compositing. Students will use Adobe Illustrator and Adobe Photoshop as the mediums in rendering creative solutions to different digital challenges.

Introduction to Website Design (835) **Grade 9 - 12** **½ year** **0.5 credit**

Prerequisite: *Explorations in Computer Science*

Students in this course will begin with basic HTML tags to create, edit and publish functional web pages working towards functional sites. Each new assignment will weave in coding from the previous units, with added complexity for graphics and interactivity. Topics include but are not limited to using complimentary colors, hyperlinks, images, and forms.

Yearbook (841) **Grade 10 - 12** **Full year** **1 credit**

Yearbook (842) **Grade 10 - 12** **½ year** **0.5 credit**

Prerequisite: *Explorations in Computer Science and Art I*

While the primary objective of the yearbook class is to produce the annual school publication, students will gain much more, such as teamwork, responsibility, brainstorming, writing headlines and captions, editing, typography, design, graphics, advertising, and distribution. Work must be drafted, edited, and revised. It requires a staff that is very dedicated, detail oriented, and creative. Publishing a yearbook is a large but rewarding task. Class size is limited. Class may be taken for a second year; students who take the class a second year may assume major editing responsibilities.

AP Computer Science Principles (846) **Grade 10 - 12** **Full year** **1 credit**

Prerequisite: *Explorations in Computer Science and department chair approval*

This course follows the curriculum defined by the College Board and helps students understand how computing and technology influence the world around them. This computer science course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. It is designed for students with a broad range of interests in fields where computing is used as part of the discipline. Extra time after school or at home is required to complete programming assignments. Students are required to take the Advanced Placement Exam in May.

AP Computer Science A (848) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *Programming Honors and department chair approval*

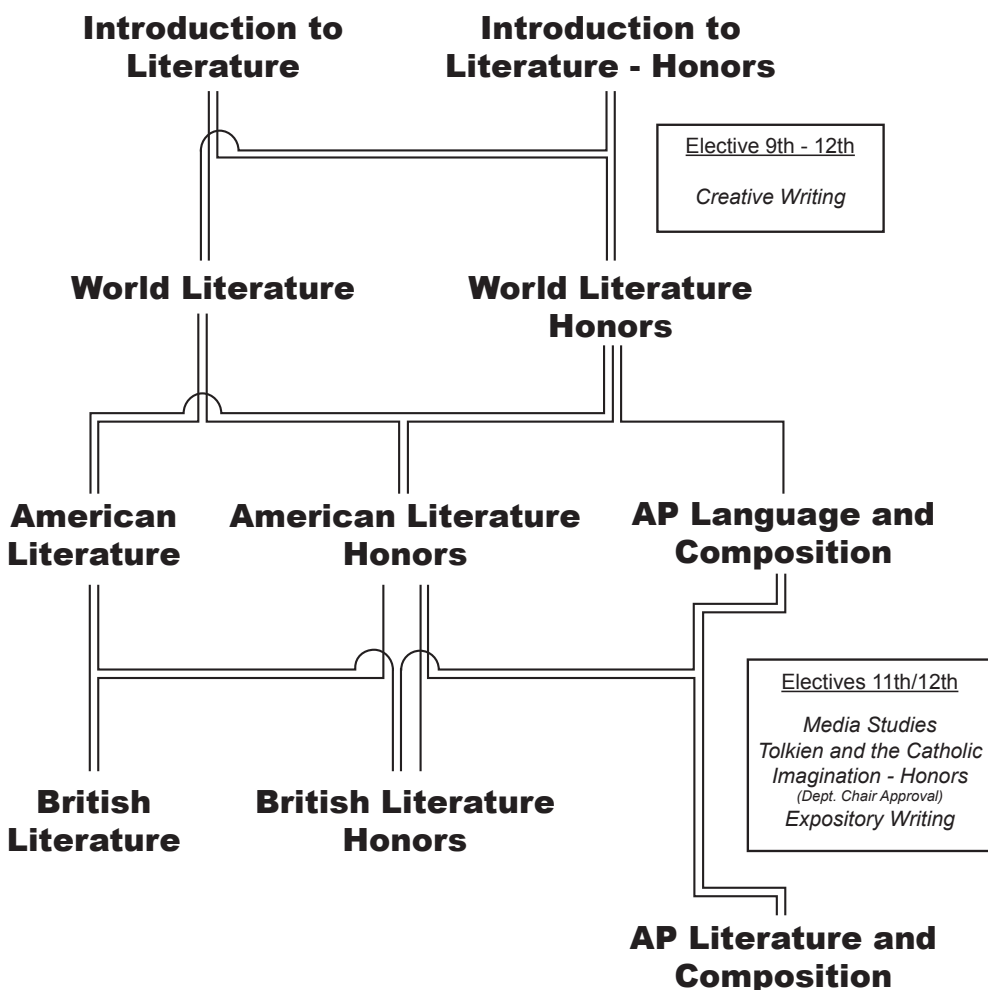
This course follows the curriculum defined by the College Board and is designed to give students extensive programming experiences. Using the Java programming language, topics covered will include programming methodology, object-oriented programming, coding efficiency, searching and sorting, inheritance, advanced data structures, language structure, and the ethical use of computers in society. Extra time after school or at home is required to complete programming assignments. Students are required to take the Advanced Placement Exam in May.

Department of English

The English Department offers an integrated four-year program of literature and language arts study. Students must take the appropriate English class each year. In addition, students may register for elective courses. Student placement will be determined by teacher recommendation, department application, and academic performance in English classes. Students will be informed in advance which course(s) is/are open to them. Department chair approval based upon course level criteria is required for admission to the Honors or Advanced Placement programs. All students will be required to read books from a designated summer reading list. **Tests on these works are given in early September and constitute a major component of the first semester grade.**

Elective Courses are open to all students. Some require department chair approval. These courses do not meet the English requirement for graduation.

Department of English Course Progression



Introduction to Literature

This course fulfills a graduation requirement.

To prepare the student for the rigorous demands of high school, this course emphasizes development of vocabulary, grammar, library and research skills, and writing. It includes intensive work in descriptive and expository writing with special attention to prewriting techniques, sentence variety, and paragraph development. Students read, write, analyze, and discuss the literary genres of the short story, drama, novel, and poetry. Each freshman must complete a research paper to receive credit for this course.

Introduction to Literature (111)

Grade 9

Full year 1 credit

This challenging course is designed to develop and reinforce the knowledge and skills needed by the college-bound student. It stresses academic writing and communication skills as well as vocabulary, reading comprehension, and analysis of works of various genres. Students will perform close reading of texts, study elements of narration, and address historical significance when appropriate. Students will also master grammar concepts and enhance their reading skills through multiple independent reading assignments.

Introduction to Literature Honors (112)

Grade 9

Full year 1 credit

Prerequisite: *The department chair will select students who score well on the entrance exam, have supporting grades and recommendations*

For the student who has demonstrated outstanding skills in language and literature, this accelerated course assumes mastery of sophisticated writing techniques, a strong foundation in grammar, and a love of reading. Through academic writing and class discussion, students will engage in close reading of texts, appreciate creative use of elements of narration, and consider historical significance when appropriate.

World Literature

This course fulfills a graduation requirement.

Complementing the World History course required for sophomores, this course exposes students to the works of major world authors including a sampling of African, Latin American, European, and Asian writers in a historical and cultural context. Further development of vocabulary, grammar, and library research skills is emphasized. Classroom activities and readings encourage students to broaden their perspectives on literature and life, to develop analytical skills, to think creatively, and to refine their abilities to communicate effectively through the spoken and written word. Selected cultures may include: Judeo-Christian, Greek, Native American, Mayan Indian, Hindu, Buddhist, African, and Middle Eastern. Each sophomore must complete a research paper to receive credit for this course.

World Literature (121)

Grade 10

Full year 1 credit

In the context of world literature from humankind's oldest stories through Shakespeare, and then to the modern age, students study changing cultural and historical patterns in literature with an eye towards recognizing the shared life experiences that connect all of humanity. The rigorous study of grammar usage skills forms the core of a writing program which seeks to improve students' clarity of expression as they continue to develop their own unique voices.

World Literature Honors (122)**Grade 10****Full year****1 credit**

Prerequisite: *B in Introduction to Literature Honors or A in Introduction to Literature, department application, teacher recommendation, and department chair approval*

This demanding historical survey combines a broad perspective on historical and cultural roots of language and literature with deep analysis of important works of literature. Classroom activities and readings stress techniques of critical thinking and analysis applied to various literary styles and philosophical ideas of literature of the past 4000 years. Students write essays and a required research paper to refine their analytic and communication skills.

American Literature

This course fulfills a graduation requirement.

This course is a historical survey of American Literature from 1620 to the present. Classroom activities stress the writing process and research skills culminating in a research project using internal documentation. Students also work extensively with vocabulary and reading comprehension preparation for the SAT. All American Literature classes seek to broaden the students' perspectives and deepen their understanding of the inevitable relationship between the literature and history of any given era. Selected writers range from Anne Bradstreet to Tim O'Brien. Each junior must complete a research paper to receive credit for this course.

American Literature (131)**Grade 11****Full year****1 credit**

Readings in this course cover historical trends and the evolution of American attitudes and styles as they progress through the Twentieth Century. Through a continued emphasis on the writing process, students are encouraged to perfect all composition skills not previously mastered that will culminate in a required research paper.

American Literature Honors (132)**Grade 11****Full year****1 credit**

Prerequisite: *B in World Literature Honors or A in World Literature, department application, teacher recommendation, and department chair approval*

This accelerated course will emphasize critical analysis of the essential works in the evolution of American literature as they relate to American history. Students will engage in academic writing and class discussion built from close reading of a text, knowledge of historical relevance, and appreciation of craft and purpose.

AP English Language and Composition (138)**Grade 11****Full year****1 credit**

This course fulfills the American Literature requirement.

Prerequisite: *A in World Literature Honors, department application, teacher recommendation, and department chair approval*

This demanding curriculum will apply critical reading and analysis skills to representative literary works, fiction and nonfiction, of Puritanism, the Enlightenment, Romanticism, Realism, Naturalism, Modernism, and Contemporary literature. Lectures, discussions, and class presentations will comprehensively explore the connections between historical periods and their literary manifestations. Emphasis will be placed on frequent analytical and argumentative papers in SAT and AP styles stressing rhetorical structures and strategies such as syntax, diction, tone, purpose, audience, and figures of speech. Students are required to submit an academic, thesis-based research paper. Students are required to take the Advanced Placement Exam in May.

British Literature

This course fulfills a graduation requirement.

Works of prose, poetry, and drama are included in this survey of British literature from Beowulf to the 20th century. All levels stress writing, requiring various college level and analytical essays. Class presentations, extensive work in reading comprehension, and vocabulary will be included. Each senior must complete a research paper to graduate.

British Literature (141)

Grade 12

Full year

1 credit

This course explores the development of British literature from its origins through the early 20th century, this college preparatory class focuses upon close textual reading, discussion of theme and literary technique, and analysis of the creative process. A research project is integral to this course, as are college essays in the first semester.

British Literature Honors (142)

Grade 12

Full year

1 credit

Prerequisite: *B in American Literature Honors or A in American Literature, department application, teacher recommendation, and department chair approval*

This course in the evolution of British literature from Beowulf to James Joyce explores themes, characterization, use of language, and the literary and social context of diverse works. Students are expected to contribute to the oral dialogue of the class, write original analytical and creative papers, and to read with care and insight. The mid-length research paper is integral to this course, as is the reading of novels. College essays will be explored during the first semester.

AP Literature and Composition (148)

Grade 12

Full year

1 credit

Fulfills the British Literature requirement.

Prerequisite: *B in AP English Language and Composition or A in American Literature Honors, department application, teacher recommendation, and department chair approval*

The AP Literature and Composition course is designed with the intent of engaging students in the close, active reading of selections from the Pre-Classical era through the 21st century. In this study of prose, poetry, and drama, students will read with the goal of understanding not only the complexity of a work and its meaning, but also with the goal of understanding how meaning is illuminated by the form of the work itself. Writing assignments focus on the critical analysis of literature, with an emphasis on precision of argument, diction, syntax, and proper explanation of the effects of literary forms and devices. Students will be frequently challenged with on-demand objective assessments and writing assignments. Students are required to submit an academic, thesis-based research paper. College essays will also be explored in the first semester. Students are required to take the Advanced Placement Exam in May.

English Elective Courses

Creative Writing (115)

Grade 9 - 12

½ year

0.5 credit

This course focuses on the connection between analytical reading/writing and the writing process. Students will read a selection of short stories and study the elements of fiction to develop an understanding of how the elements illuminate understanding and enhance the reading and writing process. Attention to a writer's responsibilities to audience and society will also be given. Students will then create characters, scenes, and stories of their own. The process will highlight the importance of continued practice and revision and will address how to use constructive criticism - by both self and others - as a tool for the writer's growth and development.

Media Studies (153)

Grade 11 - 12 ½ year 0.5 credit

The emphasis in Media Studies is multi-faceted. Students explore the history, standards, procedures, and responsibilities inherent in journalism. Students also explore the mass media in general (social media, film, documentary, television, etc.) in order to understand and evaluate the powerful, often controversial, roles of media in modern life.

Expository Writing (154)

Grade 11 - 12 ½ year 0.5 credit

The Expository Writing course teaches students how to incorporate research writing into their own writing for each of the modes of exposition. Analyzing structure, logical premises and conclusions, design, tone, style, rhetorical strategies, and source incorporation, students will read model texts from each of the modes of exposition and then refine their own writing skills. In this course, research writing instruction prepares students to assess, evaluate, and synthesize Internet and database sources to both craft and prove a thesis. This portfolio-based course offers students reflection on their improvements throughout the semester as they prepare for college and university scholarship.

Tolkien and the Catholic Imagination Honors (160)

Grade 11 - 12 ½ year 0.5 credit

Prerequisite: *Department chair approval*

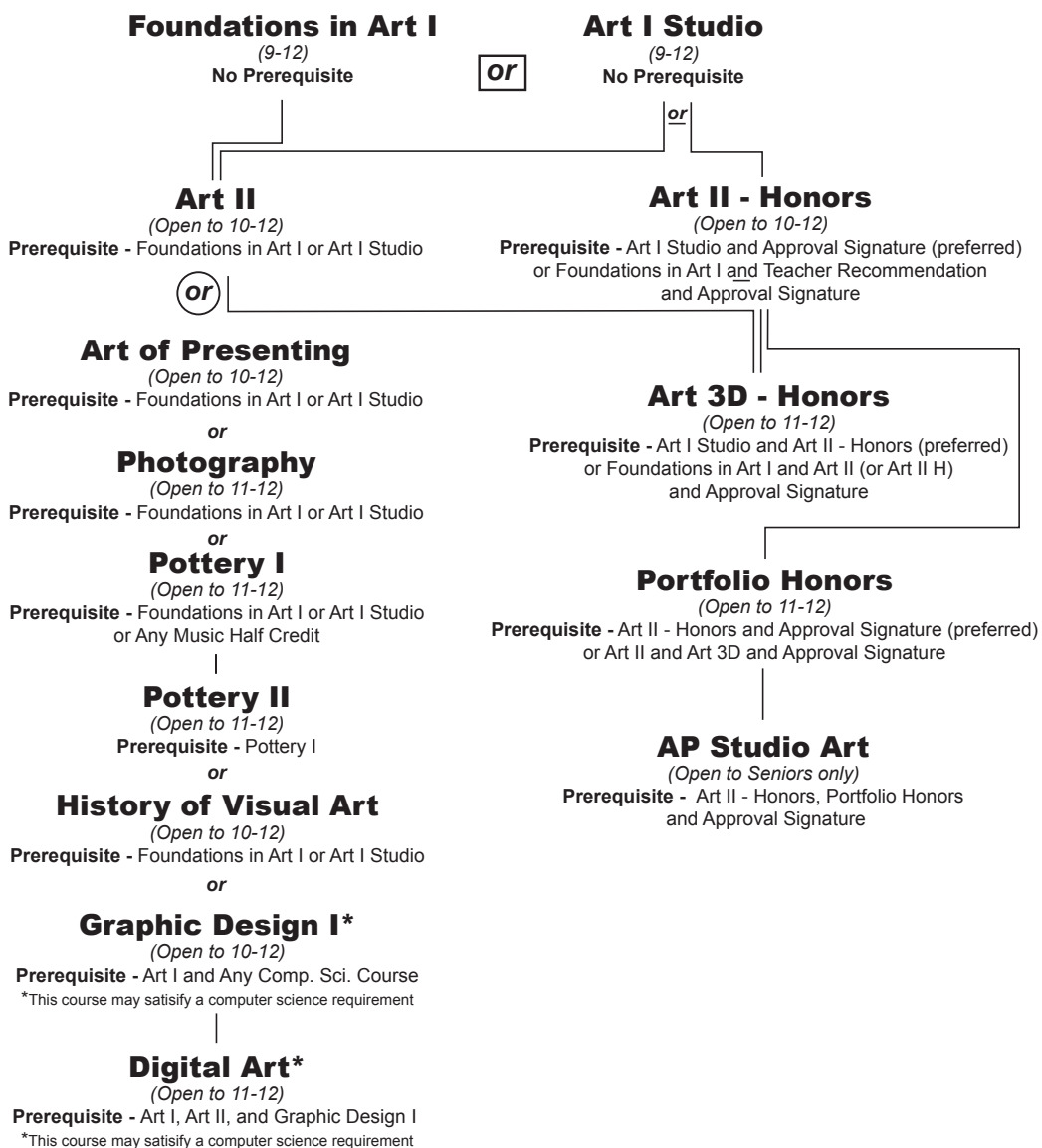
This course will conduct an in-depth investigation of J.R.R. Tolkien's legendarium with a focus on his magnum opus, *The Lord of the Rings*. The class will examine the deep connections between this seminal work, related texts from inside and outside his mythology, and the worldview that undergirds it. Students will be expected to read 60-80 pages a week.



Department of Fine Arts

The Fine Arts curriculum is structured, in broad variety, from basic introduction through advanced understanding that develops with advancement over the student's time at Bishop Guertin. The Fine Arts Department is structured to prepare students from new understanding to advanced investigation including portfolio preparation and/or performance preparation at the post-secondary level.

Department of Fine Arts Studio Arts Course Progression



Studio Arts

Foundations in Art I (911)

Grade 9 - 12 ½ year 0.5 credit

Foundations in Art I is a broad-spectrum approach to giving students creative experiences with various mediums and acquaints them with theory concepts including the elements of art and principles of design. Foundations in Art I is designed for the student with an informal interest in creating art and a more targeted interest in taking Art II or any of the more specific options in the arts curriculum (Pottery, Art Appreciation, Art of Presenting, Photography). *An emphasis is placed on experiencing processes of art. Students interested in creating a portfolio in their junior year (with the possibility of taking Advanced Placement Studio Art senior year) or in their senior year are recommended to consider Art I Studio.*

- OR -

Art I Studio (921)

Grade 9 - 12 ½ year 0.5 credit

Art I Studio is suggested for those students who may have an eager interest in art and are possibly interested in taking Art II Honors and eventually Portfolio Honors and/or AP Art. Students considering this course have had some exposure to creative processes in art as well as acquaintance with basic concepts supporting the elements of art and principles of design. Art I Studio is encouraged for those students who are considering the possibility of college art programs or who may be interested in the arts of architecture, photography, graphic design, fashion and/or interior design, multimedia arts, landscape architecture, museum curator/conservator, etc.

Art II (925)

Grade 10 - 12 ½ year 0.5 credit

Prerequisite: *Foundations in Art I or Art I Studio*

Art II picks up where Foundations in Art I leaves off. Mediums not covered in Foundations in Art I are explored as well as continued exposure to the elements of art and principles of design. In Art II, an emphasis is placed on experiencing processes of art. Students interested in creating a portfolio in their junior year (with the possibility of taking Advanced Placement Studio Art senior year) or in their senior year are recommended to consider Art II Honors in their sophomore or junior year.

Art II Honors (926)

Grade 10 - 12 ½ year 0.5 credit

Prerequisite: *Art I Studio and department chair approval, or Foundations in Art I, teacher recommendation, and department chair approval*

Art II Honors is a thorough skill-building course designed to prepare the student for Portfolio Honors in their junior year (with the possibility of taking Advanced Studio Art senior year). Students will be afforded select materials and diverse studio experiences in line with the skill necessary to create work with a higher expectation of finish and presentation. Emphasis is also placed on gaining a deeper understanding and working knowledge of the elements of art and principles of design. Art II Honors is strongly encouraged for those students who are considering the possibility of college art programs or art schools or who may be interested in the arts of architecture, photography, graphic design, fashion and/or interior design, multimedia arts, landscape architecture, museum curator/conservator, etc.

Art 3D Honors (940)**Grade 11 - 12 ½ year 0.5 credit****Prerequisite:** *Art I Studio and Art II Honors, and department chair approval or Foundations in Art I and Art II, and department chair approval*

Art 3D Honors is a unique course designed to educate and practice artists with a focus on mediums suited to creating in three dimensions. Artists will gain experience with mediums to include but not limited to papier-mâché, plaster, clay, foam core, mat board, stone, and miscellaneous object assemblage.

Portfolio Honors (941)**Grades 11 - 12 ½ year 0.5 credit****Prerequisite:** *Art I Studio, Art II Honors, and department chair approval, or Art II, Art 3D Honors, and department chair approval*

Portfolio Honors is a rigorous portfolio development class designed to give students the opportunity to create a body of work that may be used in applying to art schools or programs or as supplementary to the standard college application process. Documentation of portfolios for submission, as necessary, is also supported in this course. Emphasis in this course is placed on assembling a diversified and professional portfolio by creating work of guided/suggested subject matter in a range of mediums suggested by the student's strengths, interests, and creativity. Work outside of the classroom is necessary to complete the requirements of the course. **Note: This course is the prerequisite to AP Studio Art. Seniors taking Portfolio Honors will be assigned the fall semester to provide for college application deadlines.**

AP Studio Art (949)**Grade 12 Full year 1 credit****Prerequisite:** *Portfolio Honors, recommendation of Portfolio Honors teacher, and department chair approval*

Advanced Placement Studio Art is an intense study in 2D design that follows a rigorous curriculum with specific requirements set forth by College Board. This course is only for those students most serious about their art and who are interested in being challenged to reach their next level artist in creating thought-provoking work with meaning, direction, and an identifiable style. Pre-course work is expected in the summer preceding the commencement of the class. It is also expected that AP Studio Art students will spend considerable time outside of the class period working on their required portfolios as designated by the College Board.

Pottery I (933)**Grade 11 - 12 ½ year 0.5 credit****Prerequisite:** *Foundations in Art I or Art I Studio or any music half credit*

This course is an introduction to pottery making and clay sculpture. Various decorating techniques and glazing will be taught. Students will learn of the diversity of the Ceramic Arts as they study artists both past and present. They will learn how the pottery of other cultures has influenced the creation of contemporary ceramics.

Pottery II (943)**Grade 11 - 12 ½ year 0.5 credit****Prerequisite:** *Pottery I*

In this course students will develop the skills learned in Pottery I as they explore the creative possibilities of clay. The technical considerations of ceramics will be introduced as they learn more about glazes and firing methods. Students will continue to learn the history of ceramic arts in order to develop an appreciation for this art form.

Art of Presenting (923) **Grade 10 - 12** **½ year** **0.5 credit**

Prerequisite: *Foundations in Art I or Art I Studio*

Art of Presenting is a course designed to give students practical training and experience in the creation of visual aids and public speaking. Equal weight of the course is given to learning effective public speaking techniques and strategies as to build a complete experience aimed at training the student to be an effective presenter.

Photography I (947) **Grade 11 - 12** **½ year** **0.5 credit**

Prerequisite: *Foundations in Art I or Art I Studio*

This is an extensive course for students desiring to learn the operations of a digital SLR camera, with removable lens, and who are seriously interested in going beyond “point-and-click” to producing professional-looking pictures. A great deal of time is spent taking pictures outside of class time and on weekends. Students must have their own digital SLR camera, with removable lens, and camera manual. Enrollment is limited. Student/Parent Request Form needs to be turned in to the teacher before a signature is obtained on the course selection sheet.

Graphic Design (833) **Grade 10 - 12** **½ year** **0.5 credit**

Prerequisite: *Art I and any other Computer Science course*

This course, which is eligible to satisfy an art or computer science requirement, is designed to acquaint students with concepts in the art of graphic design from logo development and messaging to introductory exercises and rendering in Photoshop. Students will use Adobe Illustrator and Adobe Photoshop as the mediums in rendering creative solutions to different digital challenges.

Digital Art (834) **Grade 11 - 12** **½ year** **0.5 credit**

Prerequisite: *Art I, Art II, and Graphic Design I*

This course, which is eligible to satisfy an art or computer science requirement, is designed to further acquaint students with concepts in the art of graphic design from logo development and messaging to package/promotional art through concepts in digital painting and image manipulation/compositing. Students will use Adobe Illustrator and Adobe Photoshop as the mediums in rendering creative solutions to different digital challenges.

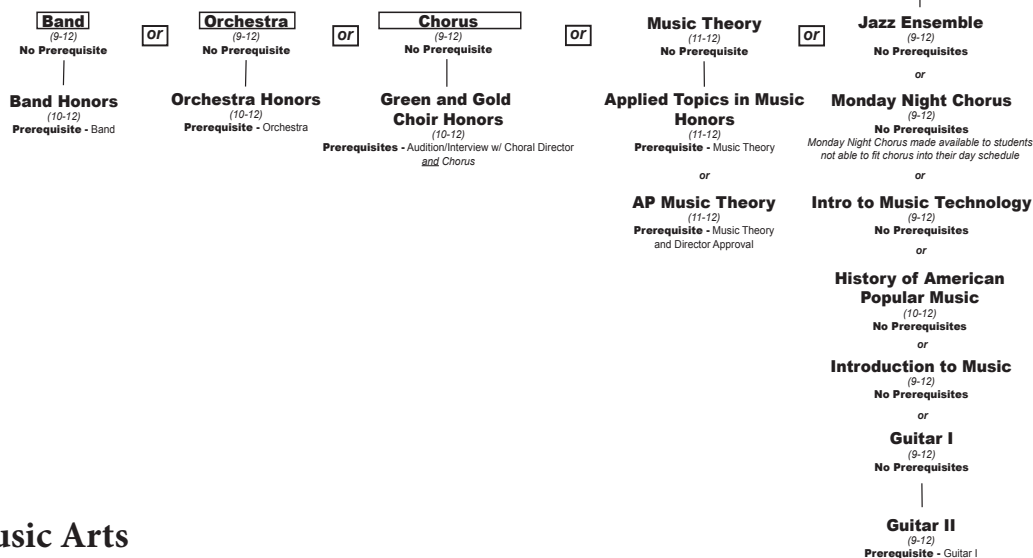
History of Visual Art (930) **Grade 10 - 12** **½ year** **0.5 credit**

Prerequisite: *Foundations in Art I or Art I Studio*

This course will cover a history of visual art beginning with the cave paintings at Lascaux and moving through historical art movements to today’s current trends. The course concentrates on learning about visual expression and messaging in art through a combination of learning experiences including lecture review of historically significant artworks credited with being integral in the evolution and development of the common genre timeline as well as occasional hands-on experiences, common assessments, and homework.

Department of Fine Arts

Music Course Progression



Music Arts

Band (951) **Grade 9 - 12 Full year 1 credit**
Musical interpretation, reading proficiency, instrumental technique, and ensemble playing are the basic concepts covered in this performance-based ensemble. Musicians perform in both the Concert Band as well as the Cardinal Marching Band. This course has several outside of school commitments, including fall football games, fall and spring parades, community-based performances, and traditional concert performances. Instrumental experience is required. Students are able and strongly encouraged to repeat this course for credit. Private instruction is also recommended. Enrollment for the year is preferred.

Band Honors (952) **Grade 10 - 12 Full year 1 credit**
Students enrolled in Band Honors must fulfill quarterly responsibilities in addition to those prescribed in the Band course. These responsibilities may include performing individually and/or in chamber groups at various school and community functions as well as attending approved outside of school performances. Private instruction is strongly encouraged. Band Honors is open to sophomores, juniors, and seniors only. Those not currently enrolled in Band Honors must maintain an A- in Band for eligibility. Those currently enrolled in Band Honors must maintain a B average for the year in order to be eligible for the following school year. *This course is only available to students who are enrolled in Band for the full year.*

Jazz Ensemble (995) **Grade 9 - 12 Full year 0.5 credit**
Prerequisite: *Approval of the band director*
This performance-based ensemble rehearses at least twice a week after school. Studies are devoted to popular music of American heritage, ranging from early swing, blues, and ballads to contemporary works found in the jazz-rock idiom. Interpretation, style, and ensemble playing are emphasized. Participation in concerts or other performances is mandatory.

Chorus (963) **Grade 9 - 12 Full year 1 credit**
The Bishop Guertin Chorus is designed to enhance the vocal production and ability of all singers by developing a clear vocal tone for a choral setting and balance within two or more parts. This group will perform music of all genres from early music to contemporary pop. Students will participate in various group performances throughout the year, as well as solo opportunities. Some singing experience, and/or music reading experience, is preferred.

Green and Gold Choir Honors (964) **Grade 10 - 12** **Full year** **1 credit**

Prerequisite: *Interview/audition and chorus director approval*

The Bishop Guertin Green and Gold Choir is designed to enhance the vocal production and ability of all singers by developing a clear vocal tone for a choral setting and balance within three or more parts. This group will be challenged with difficult music, so the ability to read music is a must. Private instruction is strongly encouraged. Students will participate in various performances throughout the year, as well as small group opportunities. A service component is compulsory to fulfill the honors requirement in this course.

Monday Night Chorus (970) **Grades 9 - 12** **Full year** **0.5 credit**

Prerequisite: *Chorus director approval*

This performance-based choral group rehearses every Monday night for the full academic year. This is open to students who cannot fit Chorus into their schedule and would like the opportunity to perform with Chorus at their annual concerts. Participation in concerts or other performances is mandatory. This group is open to all students. Students in Monday Night Chorus will be considered full members of the choral program and are entitled to all opportunities/performances.

Orchestra (980) **Grade 9 - 12** **Full year** **1 credit**

Orchestra (981) **Grade 9 - 12** **½ year** **0.5 credit**

Musical interpretation, reading proficiency, instrumental technique, and ensemble playing are the basic concepts covered in this performance-based ensemble. Performances will include the Christmas Concert, Pops Concert, and state or regional festivals. Instrumental experience on violin, viola, cello, or double bass is required. Students are strongly encouraged to repeat this course for credit. Enrollment for the year is preferred.

Orchestra Honors (982) **Grade 10 - 12** **Full year** **1 credit**

Prerequisite: *A- in Orchestra*

Students enrolled in Orchestra Honors must fulfill quarterly responsibilities in addition to those prescribed in the Orchestra course. These responsibilities will include performing individually and/or in chamber groups at various school and community functions, assuming leadership roles during rehearsals, and attending approved outside of school performances. Private instruction is strongly encouraged.

Guitar I (973) **Grade 9 - 12** **½ year** **0.5 credit**

Intended for beginners, this course will introduce students to the basics of proper playing position, pick use, left hand technique, standard notation, chords, and tablature notation. Students will also learn basic performance skills in preparation for class performances. Class will be taught on acoustic guitar, but the skills covered will provide a foundation for playing any type of guitar.

Guitar II (974) **Grade 9 - 12** **½ year** **0.5 credit**

Prerequisite: *Guitar I or teacher approval*

Intended for those with intermediate knowledge of the guitar, such as open chords, notes on the six strings, and reading tablature, this course will introduce students to more advanced guitar techniques, alternate pick use, barre chords, music theory, songwriting, and finger-picking techniques. Students will also learn intermediate performance skills. Flamenco-style nylon stringed guitars will be provided, however students are encouraged to bring their own guitar from home, whether it is electric or acoustic.

Introduction to Music (913) **Grade 9 - 12** **½ year** **0.5 credit**

Students in this course will learn fundamental concepts in music, including the history of music, and how to listen critically to a piece of music. An exploration of music's history in society will be followed by a thorough investigation into the musical elements of rhythm, melody, and notation. Students will analyze songs, using various elements to ascertain a deeper meaning, before studying music in a myriad of media, and learning the basics of how to read and interpret music. This course includes many listening and writing assignments.

Introduction to Music Technology (972) **Grade 10 - 12** **½ year** **0.5 credit**

Prerequisite: *Introduction to Music or teacher approval*

Introduction to Music Technology is open to all students, however, high interest in and knowledge of instrumental/vocal music and/or music theory is integral to success in this class. The purpose of this course is to build students' musical awareness through technology-based experiences. Students will develop musicianship in a 21st century environment by completing projects utilizing critical response, reading and notation, improvisation, and composition, as well as some singing and instrumental performance.

History of American Popular Music (971) **Grade 10 - 12** **½ year** **0.5 credit**

Students in this course will explore the evolution of popular music in America, beginning with the development of vaudeville and jazz, the transition to rock and roll, and finally the far-reaching genre of pop music. Students will be able to identify important pieces of music, artists, composers, and industry figures, as well as the significance of each to the continued evolution of this important American art form. Students will learn how to listen critically to a piece of music in order to determine form, genre, era, and more. This course will include many listening and writing assignments, as well as critical discussions of music's role in society.

Music Theory (965) **Grade 10 - 12** **½ year** **0.5 credit**

Students in this course will learn fundamental concepts and techniques related to music theory. Specific concepts include pitch and rhythmic notation, intervals, scales, major and minor keys, triads, seventh chords, and voice leading. Instrumental or vocal experience and the ability to read basic music notation are highly recommended. This course includes daily homework assignments.

Applied Topics in Music Honors (967) **Grade 11 - 12** **½ year** **0.5 credit**

Prerequisite: *Music Theory, concurrent enrollment in a music ensemble, music teacher recommendation, and department chair approval*

This course is designed for advanced music students. Students enrolled in this course will have the opportunity to explore more challenging musical concepts. Topics may include: performing as a soloist, working with an accompanist, performing in a chamber ensemble, advanced music theory, analysis, conducting, score study, ear training, as well as music history and literature. Students should have prior instrumental or vocal performance experience and understand the basics of pitch and rhythmic notation.

AP Music Theory (968) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *Music Theory, concurrent enrollment in a music ensemble, music teacher recommendation, and department chair approval*

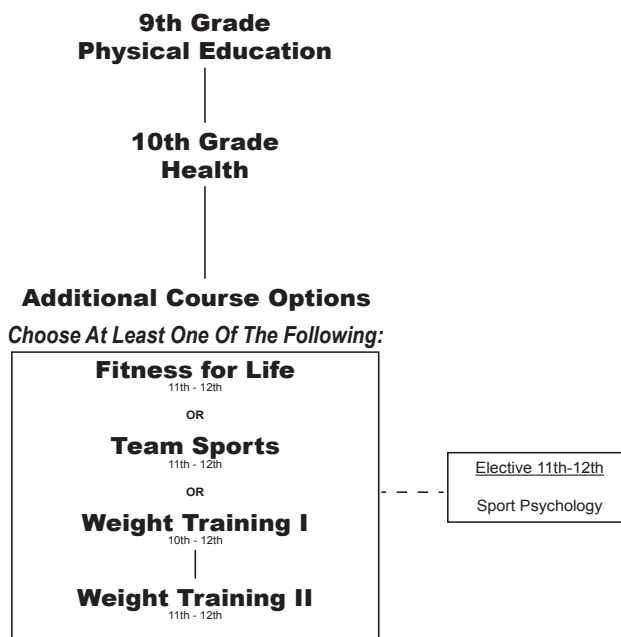
An intense and extended study of advanced music theory concepts, this course follows a rigorous curriculum with specific requirements set forth by the College Board. This course is only for those students serious about music who may potentially be interested in studying music in college. Students will encounter functional harmony, modulation, form, and phrase structure and will expand their aural skills through ear training and sight-singing. Students are required to take the Advanced Placement Exam in May.

Department of Health and Fitness

Health and Fitness is an integral aspect to the learning process. In keeping with the tradition of the Brothers of the Sacred Heart, the Bishop Guertin Health and Fitness curriculum strives to develop the whole person in each of the Five Pillars of Formation. This program contributes to the development of the physically literate student through a variety of movement activities, skills, and knowledge necessary to promote lifelong fitness, social cooperation, and healthy well-being. Student learning demonstrates ability to exhibit tolerance for various abilities, contribute as a positive member of the class, and cooperate as a member of a team according to fair play and good sportsmanship. Students wishing to retake a junior/senior course, may only do so with administrative and department chair approval.

Department of Physical Education Course Progression

*Bold Courses Indicate Graduation Requirements
and Courses Which Fulfill Graduation Requirements*



Physical Education (711) **Grade 9** **½ year** **0.5 credit**

This course fulfills a graduation requirement.

Physical literacy is the ability, confidence, and desire to be physically active for life. This class encourages these concepts and emphasizes lifelong fitness practices while also providing opportunity for involvement in game play. Personal fitness principles and concepts are introduced and practiced throughout the semester during activities in the gymnasium as well as the Bishop Guertin Fitness Center. In addition, strategies, tactics, and concepts necessary for participation in games will be explored. Extended learning is essential in meeting curriculum goals and may include activities ranging from weekly logs to health and fitness projects.

Health (721) **Grade 10** **½ year** **0.5 credit**

This course fulfills a graduation requirement.

This course will help students acquire an understanding of health concepts and skills to apply when making healthy decisions to improve, sustain, and promote personal, family, and community health. The goal is to increase health literacy to recognize, apply knowledge and skills to enhance personal health and the health of others. A skills-based approach is the practice for this course. Topics, including though not limited to, such as mental health, substance abuse, consumer health and family life will be explored in this comprehensive curriculum.

Team Sports (731) **Grade 11 - 12** **½ year** **0.5 credit**

This junior and senior Health and Fitness program stresses participation in various team activities. Some examples of team sports for this course are; basketball, softball, volleyball, and speedball, which will be played with an emphasis placed on strategies, sportsmanship, teamwork, and competition. Calisthenics, plyometric and other areas of fitness will be an integral part of the daily program. Extended learning is essential in meeting curriculum goals and may include activities ranging from weekly logs to health and fitness projects. Students wishing to retake a junior/senior course, may only do so with administrative and department chair approval.

Fitness for Life (741) **Grade 11 - 12** **½ year** **0.5 credit**

In this course, students will be physically active while they explore concepts on the importance of physical fitness in everyday life and how making the proper choices can lead to a healthy lifestyle. Students will be introduced to several aspects of fitness which will improve their muscular and cardiovascular endurance, power, and flexibility. Fitness activities may include mindfulness, Pilates, weight training, circuit training, aerobics, resistance band training and walking for wellness. Extended learning is essential in meeting curriculum goals and may include activities ranging from weekly logs to health and fitness projects.

Weight Training (733) **Grade 10 - 12** **½ year** **0.5 credit**

The curriculum for this course is centered on improvement for the areas of strength training, aerobic fitness, and flexibility. The main goal is to establish, understand, and improve personal fitness levels through safety and proper technique. A personal fitness plan with individual goals will be developed and monitored throughout the semester. Emphasis will be placed on recognizing all muscle groups and developing each through the prescribed plan of resistance training. Lectures pertaining to health and fitness will be incorporated throughout the semester balanced with individual workouts.

Weight Training II (734) **Grade 11 - 12** **½ year** **0.5 credit**

Prerequisite: *Weight Training*

This advanced course will continue to build upon the areas of strength training, aerobic fitness, and flexibility. Students will take the knowledge they acquired in Weight Training to continue to develop personal fitness plans with individual goals. Students will also be provided the opportunity to train and assist Weight Training students in class. An emphasis will be placed on progression and the goal of the course will be to demonstrate improvement by testing throughout the semester.

Health and Fitness Free Elective Course

Sport Psychology (FE763)

Grade 11 - 12 ½ year 0.5 credit

This course does not fulfill a graduation requirement for Health and Fitness. Students can use this class to fulfill free elective credit. The remaining requirement for graduation would still need to be completed junior and/or senior year.

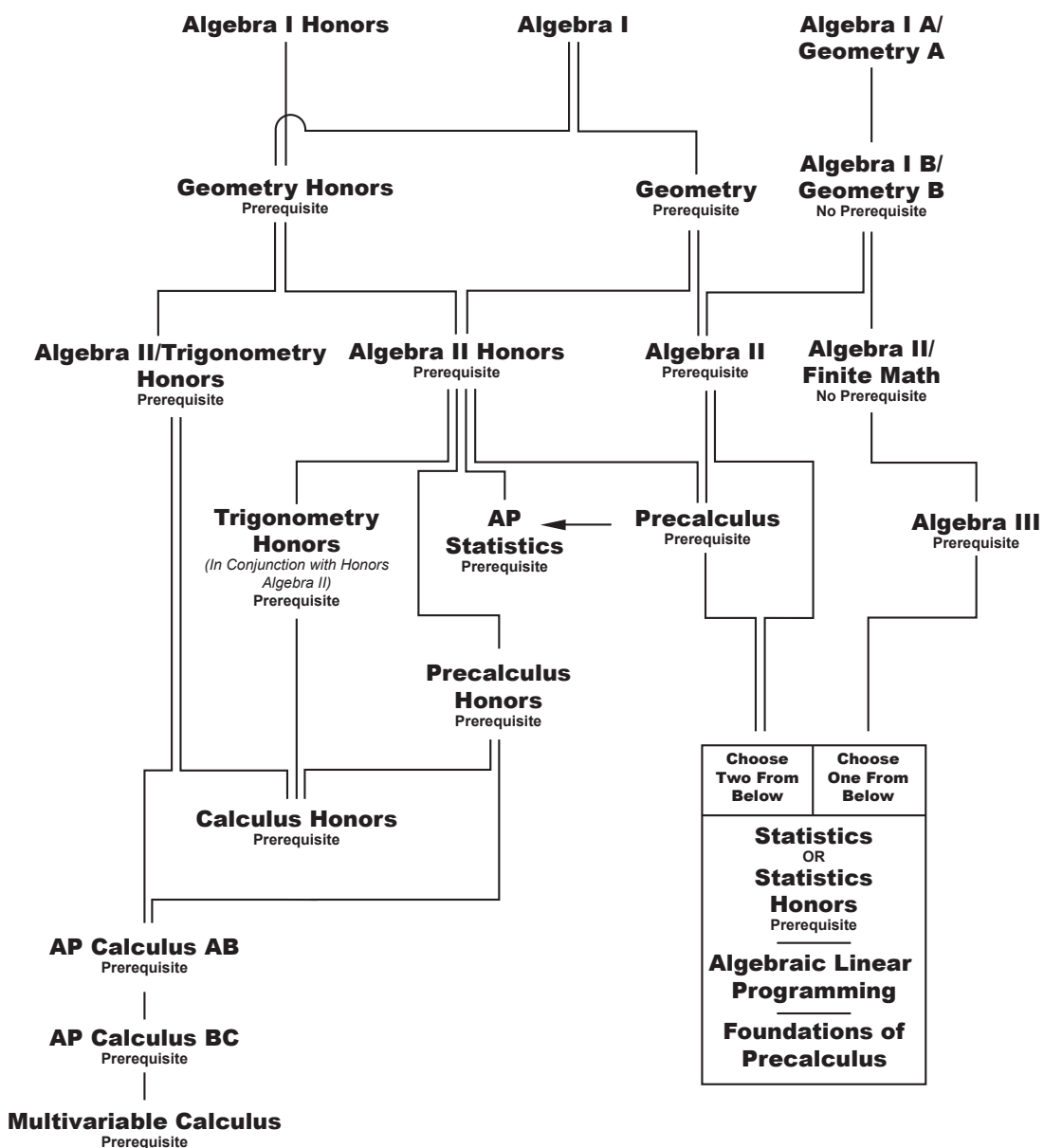
The goals of this course are to improve actual performance by effectively applying sport psychology principles in a performance and quality of life context, as well as to generate interest in pursuing a career in sport psychology. This class will cover a wide range of topics and skills that improve sport performance, some of which are mental toughness, the power of relaxation, motivation, visualization, and overcoming fear and “choking”. Both athletes and non-athletes will benefit from this course by learning techniques and strategies to overcome mental blocks and increase their performance in school, sports, and other aspects of life.



Department of Mathematics

Three years of mathematics are required for graduation, with students strongly encouraged to take a fourth year. The curriculum is designed to prepare the student for college. Any student who successfully completes the curriculum at the Trigonometry/Pre-Calculus level will be well prepared for Calculus courses at the college level. The curriculum also offers Advanced Placement Calculus courses for those students who show a greater aptitude for mathematics.

Department of Mathematics Course Progression



All mathematics students will be placed either by placement exam or their previous coursework, grades, and math teacher recommendation.

Algebra I A / Geometry A (415) **Grade 9** **Full year** **1 credit**

This course begins a three-semester study of the basic foundations of Mathematics. This course will review basic mathematical skills and prepare the student for the next level of mathematics. Students who complete this course proceed to Algebra I B / Geometry B. Together these two courses provide students the foundation for their future Math studies at and beyond Bishop Guertin High School.

Algebra I B / Geometry B (416) **Grade 10** **Full year** **1 credit**

Prerequisite: *Algebra I A / Geometry A*

This course begins with a study of later Algebra I topics. It then proceeds to its Geometry component, covering topics often seen in national college aptitude tests. Students who complete this course may move on to Algebra II or Algebra II/Finite Math. Graphing calculator required.

Algebra I (411) **Grade 9** **Full year** **1 credit**

The topics covered are: foundations for Algebra, solving equations, solving inequalities, an introduction to functions, linear functions, systems of equations and inequalities, exponents and exponential functions, polynomials and factoring.

Algebra I Honors (412) **Grade 9** **Full year** **1 credit**

Prerequisite: *Department chair approval based on quantitative scores on the entrance exam, consistent standardized testing, and supporting grades in previous mathematics courses*

The topics covered are: foundations for Algebra, solving equations, solving inequalities, an introduction to functions, linear functions, systems of equations and inequalities, exponents and exponential functions, polynomials and factoring, quadratic functions and equations, radical expressions and equations, rational expressions and functions.

Geometry (421) **Grade 10 - 11** **Full year** **1 credit**

Prerequisite: *Algebra I*

This course is a survey of the foundational concepts of Geometry, including basic geometric constructions. Pattern recognition is emphasized, with limited study of proofs. Real world applications are incorporated and some projects are required.

Geometry Honors (424) **Grade 9 - 11** **Full year** **1 credit**

Prerequisite: *Department chair approval is required for all students placed in this course*

Additional Prerequisites: *Freshmen: Placement exam; Sophomores: A- in Algebra I or B in Algebra I Honors*

This course includes all topics covered in Geometry but places heavy emphasis on deductive reasoning, including both direct and indirect proof, and Analytic Geometry. Projects are required.

Algebra II (431) **Grade 10 - 11** **Full year** **1 credit**

Prerequisite: *Algebra I and Geometry*

The concepts of Algebra I are reviewed. Students then study varieties of Algebraic expressions, equations, and functions. If time permits, conic sections will be included, as well. Students who complete this course may move on to Trigonometry/Precalculus or Statistics.

Algebra II Honors (432) **Grade 10 - 11** **Full year** **1 credit**

Prerequisite: *A- in Algebra I or B in Algebra I Honors, and either A- in Geometry, or B in Geometry Honors, and department chair approval*

Additional Prerequisites: *Freshmen: Proficiency in both Algebra I Honors and Geometry Honors placement exams*

In addition to the concepts included in Algebra II, additional theorems including key polynomial theorems, natural logarithms, inverse functions, rational functions, and conic sections are studied. Students who complete this course may study Trigonometry Honors concurrently or Trigonometry/Precalculus in the subsequent year. **Students who wish to study Calculus Honors in the subsequent year must take Trigonometry Honors concurrently with Algebra II Honors.**

Algebra II/Trigonometry Honors (434) **Grade 10 - 11** **Full year** **1 credit**

Prerequisite: *A- in Algebra I Honors and A- in Geometry Honors*

Additional Prerequisites: *Freshmen: Proficiency in both Algebra I Honors and Geometry Honors placement exams.*

This course covers the equivalent of three semesters of Math in a two-semester course in greater detail and at an accelerated pace. In addition to all the concepts studied in Algebra II Honors, the student will study the six Trigonometric functions in triangles and circles, including their graphs and their variations. Students will study and prove Trigonometric identities. Students who complete this course typically proceed to AP Calculus AB the following year.

Algebra II/Finite Math (437) **Grade 11** **Full year** **1 credit**

Prerequisite: *Algebra I and Geometry*

Algebra I concepts are reviewed. The students then study new varieties of Algebraic expressions, equations, and functions. Those topics are studied in business applications where warranted. Students who complete this course proceed to Algebra III.

Algebra III (439) **Grade 12** **½ year** **0.5 credit**

First semester only

Prerequisite: *Algebra II/Finite Math*

Algebra II/Finite Math concepts in Algebra are reviewed, then further explored with the introduction of polynomial functions. The use of exponents and radical functions is also explored.

Foundations of Precalculus (440) **Grade 12** **½ year** **0.5 credit**

Prerequisite: *Algebra II or Algebra III*

The course is an introduction to logarithms, Trigonometry, and other topics.

Trigonometry Honors (436) **Grade 10 - 11** **½ year** **0.5 credit**

Second semester only

Prerequisite: *B in Geometry Honors*

This course covers triangular Trigonometry and circular Trigonometry, meaning the concept of an angle as a rotation of a ray about a point. All six ratios will be covered. The students will work at solving trigonometric equations and identities. Students who complete this course may proceed to Calculus.

Precalculus (441) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B in Algebra II*

This course covers the study of linear, quadratic, polynomial, and other functions and their graphs. The class reviews and covers many Algebra II topics in greater depth to further the students' understanding, with word problems integrated throughout the course. The study of Trigonometry will include the six basic functions. This course is designed to prepare students to study Calculus in college.

Precalculus Honors (442) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B in Algebra II Honors*

This course covers the study of linear, quadratic, polynomial, and other functions including the Trigonometric functions. Precalculus topics review and embellish Algebra II topics on a more theoretical and in-depth level. Great emphasis is placed on graphing throughout the year. Trigonometry is covered in depth. The aim of this class is a full preparation for a Calculus class, either in college or at BG.

Statistics (443) **Grade 12** **½ year** **0.5 credit**

Prerequisite: *Algebra II or Algebra III*

This course is designed as an introductory course in statistical concepts and is suggested for those who plan to take it in college. Technology is heavily integrated throughout the course.

Statistics Honors (450) **Grade 11 - 12** **½ year** **0.5 credit**

Prerequisite: *A- in Algebra II, B in Algebra II Honors or B in Algebra II/Precalculus Honors*

This course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. It covers four major conceptual themes, including describing patterns and departures from patterns, planning and conducting a study, exploring random phenomena using probability and simulation, and exposure to making statistical inferences.

AP Statistics (447) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B Algebra II Honors or B Algebra II/Precalculus Honors or Trigonometry/Precalculus with Department Chair approval*

This college-level course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. It follows the College Board's recommended syllabus for Advanced Placement Statistics leading to the AP exam in May.

Algebraic Linear Programming (433) **Grade 12** **½ year** **0.5 credit**

Prerequisite: *Algebra II or Algebra III*

In this course, students will learn how to apply functions and matrices in real world applications.

Calculus Honors (446) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B in Trigonometry/Precalculus Honors, B in Algebra II/Precalculus Honors, or B in Algebra II Honors and Trigonometry Honors*

Following a review of Algebraic and Trigonometric functions, including their graphs, this course will offer students the study of limits and continuity and coverage of finding derivatives and applications of differentiation, and an introduction to integration. At the conclusion of the course, the student should have a sound preparation for the study of Advanced Placement Calculus at BG or Introductory Calculus at the college level.

AP Calculus AB (448)**Grade 11 - 12 Full year 1 credit****Prerequisite:** *A- in Algebra II/Precalculus Honors*

This course offers a sound development of calculus at the college level. Calculus is the mathematics of change and motion. Both differential and integral calculus are covered in the course. This course follows the College Board's recommended syllabus for Advanced Placement Calculus AB. Students are required to take the Advanced Placement Exam in May.

AP Calculus BC (449)**Grade 12 Full year 1 credit****Prerequisite:** *AP Calculus AB and department chair approval*

This course continues the study of Calculus begun in Calculus Honors or Advanced Placement Calculus (AB). This course follows the College Board's recommended syllabus for AP Calculus (BC). Students are required to take the Advanced Placement Exam in May.

Advanced Multivariable Calculus (490)**Grade 12 Full year 1 credit****Prerequisite:** *BC Calculus and department chair approval*

This course continues the study of Calculus at the collegiate level beyond AP Calculus BC.

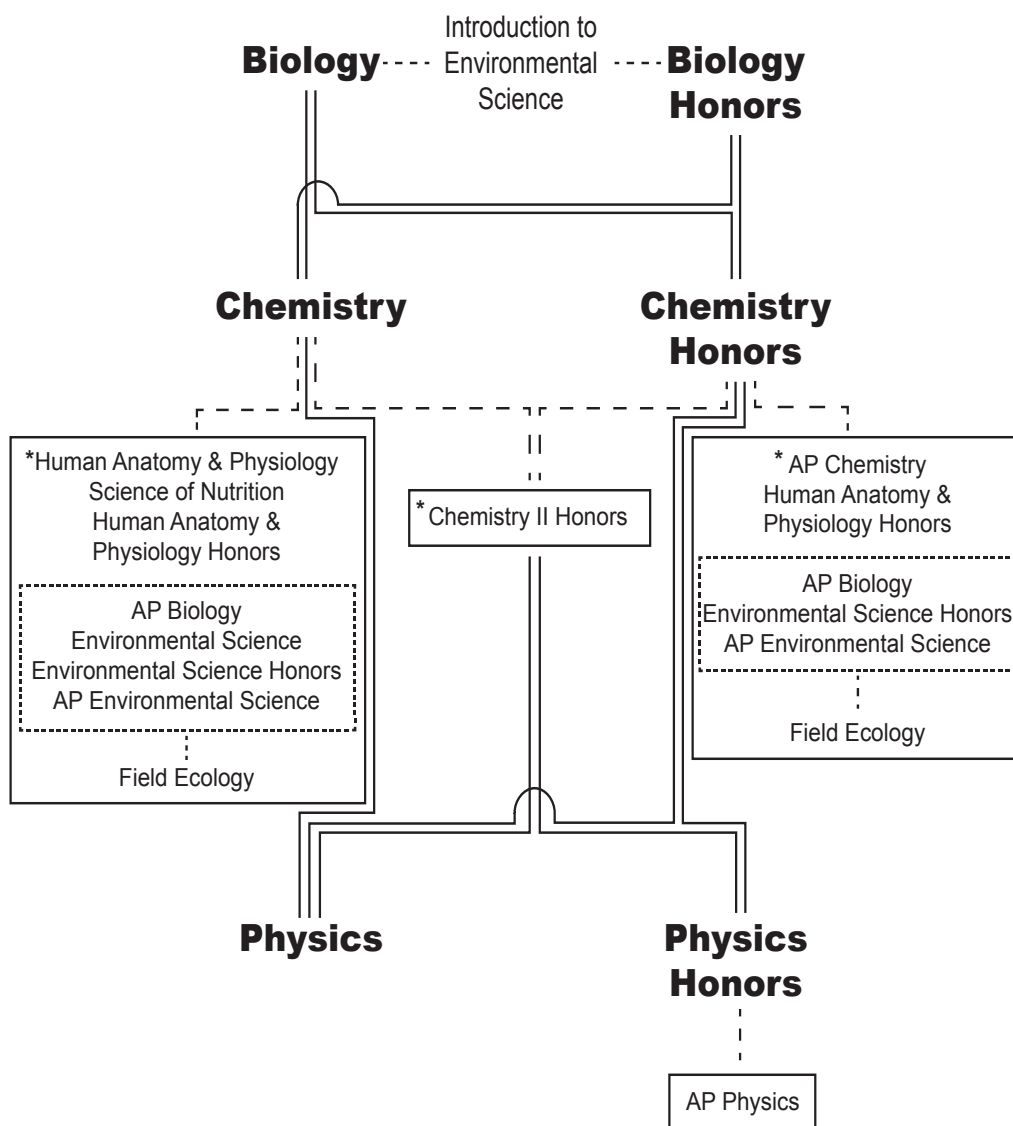


Department of Science

The goal of the Science Department is to introduce the student to the fundamental concepts of modern science. Learning science requires both the assimilation of many new concepts and the development of critical thinking skills. Every student is required to complete Biology, Chemistry, and Physics. Four credits in Science prior to graduation is highly recommended.

Department of Science Course Progression

Bold Courses Indicate Graduation Requirements
* Indicates Grade 11 and 12 Options



Biology (511) **Grade 9 - 10** **Full year** **1 credit**

This course fulfills a graduation requirement.

Prerequisite: *Department chair approval/invitation based on quantitative scores on the entrance exam and supporting grades in previous courses*

This introductory course is designed to teach the process of science as it applies to biology today. Topics in biology that will be covered include the fundamentals of cell chemistry, structure and function, heredity and genetics, evolution, and ecology. Lab work is included.

Biology Honors (512) **Grade 9 - 10** **Full year** **1 credit**

This course fulfills a graduation requirement.

Prerequisite: *Department chair approval based on quantitative scores on the entrance exam and supporting grades in previous courses*

The Biology Honors course will incorporate in-depth study, lab work, and discussion while examining the present-day molecular focus in biology. Topics to be covered will include an introduction to chemistry and biochemistry, biochemical pathways, cell structure and function, genetics, adaptation, geological history, diversity of life, ecology, and environmental principles. This course will emphasize the underlying themes of biology: interdependence of life, organization, energy flow, inheritance, homeostasis, and evolution.

Introduction to Environmental Science (510) **Grade 9 - 10** **Full year** **1 credit**

Prerequisite: *Department chair approval based on quantitative scores on the entrance exam and supporting grades in previous courses*

This course will explore the dynamic interactions of the various spheres of Earth (atmosphere, hydrosphere, geosphere, and biosphere) with a focus on how they sustain the conditions to support life. Earth is (probably) unique in our solar system; a rare and delicate balance for complex life forms. These conditions are maintained within a habitable range by a series of global interactions that link living and nonliving parts of the system through cycles of matter and energy. What makes Earth unique among the known planets? How are life forms, specifically human beings, sustained by the Earth's overall ecosystem, and what effects do humans have on their environment? This is an integrated science course covering several scientific specialties within physical and life science. This course illustrates the relevance and impact of science in society, while engaging students in the development of basic inquiry, physics, chemistry and life science skills that will prepare them for higher level sciences. *The Introduction to Environmental Science is not intended to replace any graduation credit. This course is presented to prepare students for the expectations of Biology, Chemistry, and Physics in subsequent years.*

AP Biology (518) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B in Biology Honors and B in Chemistry Honors or Chemistry II Honors, or A- in Biology and Chemistry, and department chair approval*

The Advanced Placement Biology course is the equivalent of a two-semester college introductory course usually taken by biology majors. As required by the College Board, it focuses on enduring, conceptual understandings of biology and the content that supports them. The course is centered around four "Big Ideas": 1) The process of evolution drives the diversity and unity of life; 2) Biological systems utilize free energy and molecular building blocks to grow, to reproduce and to maintain dynamic homeostasis; 3) Living systems store, retrieve, transmit and respond to information essential to life process; and 4) Biological systems interact, and these systems and their interactions possess complex properties. The lab component accounts for 25% of the course work and combines content with inquiry and reasoning skills. Students are required to take the Advanced Placement Exam in May.

Chemistry (521) **Grade 10 - 11** **Full year** **1 credit**

This course fulfills a graduation requirement.

Prerequisite: *Biology and Algebra I*

This course introduces students to the study of matter and its interactions. Topics of study will include: atomic theory, the periodic table, naming of compounds, writing chemical equations, the “mole,” gas laws, and an introduction to acids and bases. A series of labs is required.

Chemistry Honors (522) **Grade 10 - 11** **Full year** **1 credit**

This course fulfills a graduation requirement.

Prerequisite: *B in Biology Honors or A- in Biology, and department chair approval*

Concurrent: *Geometry Honors or Algebra II Honors or higher honors math course*

Critical thinking skills are an integral part of learning chemistry. Students who decide to explore chemistry at this level will be required to not only know theory, but to also apply that theory to mathematical problem-solving and assessment of experimental results obtained in the lab. Topics include atomic structure, kinetic theory and gas laws, stoichiometry, balancing and predicting products of chemical equations, thermochemistry, solutions, and principles of equilibrium.

Note to incoming ninth grade students: *An incoming ninth grade student who successfully passes the BG Math Department placement exam, allowing enrollment in Algebra 2 Honors or higher honors math course, may be invited to take Chemistry Honors in ninth grade. Prior to the math placement, students maybe placed into Biology Honors or placed into Biology. This sequence does not exempt the student from the Biology graduation requirement. These students will have the opportunity to take Biology/Biology Honors as a sophomore or AP Biology in the junior or senior year to fulfill the graduation requirement. Since Chemistry Honors is a gateway course for the majority of the upper level science classes, students will be able take any of the upper level science courses (assuming they meet the requirements described in the POS) beginning in their sophomore year.*

Chemistry II Honors (524) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B in Chemistry Honors and Algebra I Honors or A- in Chemistry and Algebra I, and department chair approval*

Concurrent: *Algebra II Honors or an honors math course*

This course is the continuation of the first-year chemistry course allowing for reinforcement of topics previously covered, study of new topics, and opportunities for more laboratory work. New topics include thermo chemistry, chemical kinetics, equilibrium, thermodynamics, electrochemistry, nuclear chemistry, and organic chemistry. The laboratory portion will enhance investigation, experimental design, and data manipulation skills. Instrumentation (LabPro) and computers will be used for lab data collection and interpretation.

AP Chemistry (528) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B in Chemistry Honors and department chair approval*

Concurrent: *Algebra II Honors or an honors math course*

The Advanced Placement Chemistry course is designed to be the equivalent of two semesters of general chemistry usually taken during the first college year. As required by the College Board, it focuses on enduring, conceptual understandings of chemistry and the content that supports them, the six “Big Ideas.” The lab component is a focus of the course and combines content with inquiry and reasoning skills. Further emphasis is placed on chemical calculations and the mathematical formulation of principles. Students are required to take the Advanced Placement Exam in May.

Human Anatomy & Physiology (531)**Grade 11 - 12 Full year 1 credit**

Students will learn the structure and function of the following systems: integument, skeletal, muscular, nervous, endocrine, respiratory, cardiovascular, digestive, reproduction, lymphatic, and urinary. General physiology and histology will be covered. Laboratory work, including dissections will be offered. This course should be considered by anyone interested in learning about the human body.

Human Anatomy & Physiology Honors (532)**Grade 11 - 12 Full year 1 credit**

Prerequisite: *B in Biology Honors and Chemistry Honors or Chemistry II Honors, or A- in Biology and Chemistry, and department chair approval*

This course presents a broad overview of the form and function of the human body requiring a greater amount of independent work, as the students cover the cellular/molecular levels, through tissues, organs, and organ systems, with the ultimate goal being to understand the workings of the body as a whole. In the laboratory, we undertake a broad survey of anatomy and physiology through observation of specimens and slides, dissection of representative animals and organs, and physiological experimentation. Clinical connections to the disease process and medical fields are frequently made, and as such this course is highly recommended for anyone contemplating a career in the health services.

Environmental Science (533)**Grade 11 - 12 Full year 1 credit**

This course involves the study of the environment and the impact of human activity on the biosphere. This course combines ideas from biology, physics, chemistry, social sciences, economics, politics, and ethics related to the study of the environment. It covers concepts of ecology, air and water pollution, human population dynamics, natural resource management, and climate science.

Environmental Science Honors (534)**Grade 11 - 12 Full year 1 credit**

Prerequisite: *B in Biology Honors and Chemistry Honors or Chemistry II Honors, or A- in Biology and Chemistry, and department chair approval*

This is an advanced course in the foundation of environmental science. Material covered includes: the study of relationships between humans and the environment, current and historically germane environmental problems (including their causes and consequences), the production and use of energy, and human population dynamics. Students should expect to complete independent projects and presentations, as well as engage with a variety of on-topic primary documents.

AP Environmental Science (538)**Grade 11 - 12 Full year 1 credit**

Prerequisite: *B in Biology Honors and Chemistry Honors, or A- in Biology and Chemistry, and department chair approval*

Concurrent: *Honors math course*

Advanced Placement Environmental Science provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world; to identify and analyze environmental problems both natural and anthropogenic; to evaluate the relative risks associated with these problems; and to examine alternative solutions for resolving and/or preventing them. Those who take this course should expect to be challenged both in the classroom and in the field. Students are required to take the Advanced Placement Exam in May.

Science of Nutrition (550) **Grade 11 - 12** **½ year** **0.5 credit**

Nutrition is a science that explores metabolic and physiological reactions of the body to the diet. This course provides an integrated overview of the physiological requirements and functions of protein, energy, and the major vitamins and minerals that are determinants of health and disease. Topics include: dietary sources, intake levels, physiological role, and requirement of major nutrients; the biological determinants of nutrient requirements and the assessment of nutrient status in individuals and populations; the role of nutrition in growth and health throughout life; and the role of diet in the development of chronic diseases, such as cardiovascular disease, cancer, diabetes, etc.

Physics (541) **Grade 12** **Full year** **1 credit**

This course fulfills a graduation requirement.

This is a fundamental course in the classical approach to physics. Material covered includes: mechanics (theory of motion), electricity and magnetism, heat, wave mechanics, light, sound, and optics.

Physics Honors (542) **Grade 11 - 12** **Full year** **1 credit**

This course fulfills a graduation requirement.

Prerequisite: *B in Chemistry Honors or Chemistry II Honors and Algebra II Honors, and department chair approval*

Concurrent: *Honors math course*

In addition to the material covered in College Physics, this course is designed to prepare students for Advanced Placement Physics or to prepare them for college science programs. Excellent math skills are required. Juniors who are admitted to this course may take Advanced Placement Physics the following year.

AP Physics C: Mechanics & Electricity & Magnetism (548) **Grade 12** **Full year** **1 credit**

Prerequisite: *Calculus Honors or AP Calculus AB, Physics Honors, and department chair approval*

Concurrent: *AP Calculus BC or Advanced Multivariable Calculus*

This course forms the college sequence that serves as the foundation in physics for students planning on majoring in the physical sciences or engineering. The sequence is parallel to or preceded by math courses that include Calculus Honors and Physics Honors. The subject matter of the course is classical mechanics as well as the classical study of electricity and magnetism. The material in this course assumes a basic knowledge of trigonometry and algebra-based physics. It expands on this existing knowledge by incorporating all aspects of calculus in the study of physics. Extra time after school is required to complete some labs. Students are required to take the Advanced Placement Exam in May.

Field Ecology (535) **Grade 12** **½ year** **0.5 credit**

This course is a next step for Environmental/Life Science students who are interested in applying what they have learned in the classroom to an examination of local and regional Earth systems. This methods course will focus on the Merrimack River Watershed from its origins in the White Mountains of New Hampshire to its terminus in the Atlantic Ocean at Newburyport, MA. Students will be challenged to learn and practice field biology techniques that allow an inquiry-based elucidation of the relationships between the biosphere, lithosphere, atmosphere, and hydrosphere. This project-based course would require students to complete pre- and post-field assessments. Local and regional field trips and laboratory work away from campus are components of this course.

Department of Social Studies

In keeping with the mission statement of Bishop Guertin High School, the Social Studies Department fosters the study of history, the humanities, and the social sciences, including economics, political science, psychology, geography, and philosophy. It also provides students with an understanding of the democratic principles and ideals upon which good citizenship is founded. Its goal is to provide the formation of students as citizens of the community, state, nation, and world. Students are encouraged to make informed, reasoned decisions regarding the privileges, duties, and responsibilities of citizenship. Students are provided with instruction in the history, government, and constitutions of the United States and New Hampshire within the context of world history.

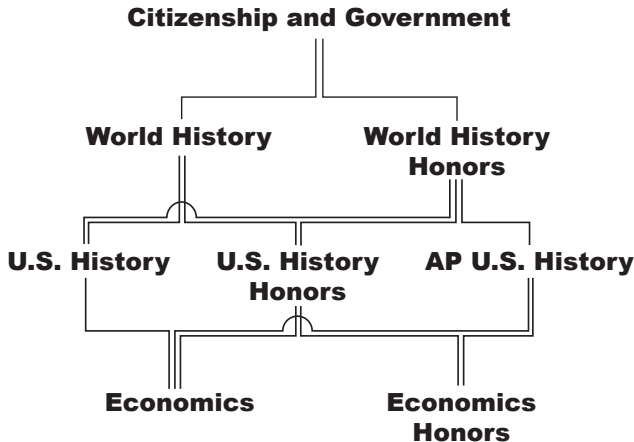
Honors level and Advanced Placement social studies courses emphasize writing and analysis. Authorization for all Honors or AP courses is based on stated course requirements, course level criteria, the student's writing and analytical skills, and department chair approval.

Note: All sophomores are expected to take World History. Exceptions for band or for double languages occur only after dialogue with the student's school counselor, and department chair with final approval from the Vice Principal.

Department of Social Studies

Course Progression

Bold Courses Indicate Graduation Requirements



AND

*Mandatory Elective
(choice of one from below)*

Theories of Business and Management

Psychology

Contemporary Law*

Global America Honors*

AP U.S. Government and Politics*

AP Comparative Politics*

** Prerequisite may apply*

Citizenship and Government (211) **Grade 9** **½ year** **0.5 credit**

This course fulfills a graduation requirement.

Citizenship and Government is a course designed to provide students with an understanding of the United States and New Hampshire governments. Students will study the principles of the federal and state constitutions. The structures, powers and roles of each branch of our federal and state government will be discussed and students will apply their knowledge in the context of current events. In addition, students will explore the various methods of civic participation that are available to them on a national and state level.

World History (221) **Grade 10** **Full year** **1 credit**

This course fulfills a graduation requirement.

This course exposes the student to the fundamental causes of historical change. The course content includes the beginnings of civilization, the ancient and medieval worlds, and the emergence of the nation-state. While Western civilization is emphasized, the curriculum includes the development of African and Asian civilizations as well.

World History Honors (222) **Grade 10** **Full year** **1 credit**

This course fulfills a graduation requirement.

Prerequisite: *A- in Citizenship and Government and department chair approval*

World History Honors has an increased emphasis on intellectual history. Students will be challenged to develop critical thinking, reading and writing skills, to participate in complex historical analysis, and to engage meaningfully with primary source documents.

United States History (231) **Grade 11** **Full year** **1 credit**

This course fulfills a graduation requirement.

This is a survey course that begins with the Civil War era and reviews key events in American history from the 20th and 21st century. The major events studied in this course are: Reconstruction, Industrialization, the Gilded Age, World War I, the Great Depression, World War II, the Cold War, Civil Rights, and the Global War on Terror. Students will be expected to demonstrate a thorough understanding of history through lectures, discussions, readings, writing assignments, and the analysis of primary source documents.

United States History Honors (232) **Grade 11** **Full year** **1 credit**

This course fulfills a graduation requirement.

Prerequisite: *B- in World History Honors or B+ in World History, and department chair approval*

This course begins with the Civil War era and reviews key events in American history from the 20th and 21st century. The major events studied in this course are: Reconstruction, Industrialization, the Gilded Age, World War I, the Great Depression, World War II, the Cold War, Civil Rights, and the Global War on Terror. Students will be expected to demonstrate a thorough understanding of history through lectures, discussions, readings, writing assignments, and the analysis of primary source documents. One to two research papers may be required as well as numerous critical essays. Students must possess excellent writing skills as well as the ability to complete a moderate amount of independent research.

AP United States History (238) **Grade 11** **Full year** **1 credit**

This course fulfills a graduation requirement.

Prerequisite: *B in World History Honors or A- in World History, and department chair approval*

The Advanced Placement United States History course is designed to give the motivated student an opportunity to explore in depth the various issues in United States history. The course will place demands on the student equivalent to those made by a full-year introductory college course. This course is designed to provide the student with analytical skills and factual knowledge necessary to deal critically with problems and materials in United States history. The student is expected to interpret primary sources, write critical essays, and write a research paper. Students are required to take the Advanced Placement Exam in May.

United States and New Hampshire Government (235) **Grade 11** **½ Year** **0.5 credit**

This course fulfills a graduation requirement.

This course is specifically designed for junior and senior transfer students and/or international students who need to fulfill their Citizenship and Government requirement for graduation. The course will cover the fundamental institutions of United States and New Hampshire governments. In addition, the national and local election process will be taught, as well as, various methods of civic participation. It should be noted that this course will only be offered on an as needed basis.

Global America Honors (247) **Grade 11 - 12** **½ year** **0.5 credit**

Prerequisite: *Department chair approval*

This course focuses on American foreign policy from World War II to the present. This course will analyze America's foreign policy since World War II and the role these policies played in shaping America into a global power. The United States relationship with other world powers such as the Soviet Union, Russia, China, the European Union, the Middle East, and Central and Latin American countries will be the primary focus of this course. Students will gain a deeper understanding of the reasons behind America's involvement in wars throughout history as well as our current issues involving terrorism and conflict in the Middle East.

Economics (243) **Grade 10 - 12** **½ year** **0.5 credit**

This course fulfills a graduation requirement.

Prerequisite: *Sophomores: B+ in Algebra I, B+ in Citizenship and Government, and department chair approval*

In this course students will develop an understanding of the free market system of economics and the role they play in it, as well as the role it plays in their lives. Furthermore, they will understand the financial and monetary systems, the role of government in regard to economic activity, how economic growth occurs and the standard of living is improved, the business cycle and the decisions of the firm, and other various cycles such as inflation and unemployment.

Economics Honors (244) **Grade 10 - 12** **½ year** **0.5 credit**

This course fulfills the graduation requirement.

Prerequisite: *Sophomores: A- in Algebra I Honors, A- in Citizenship and Government, and department chair approval; Juniors/Seniors: B+ in an honors math course, B+ in an honors social studies course, and department chair approval*

At the Honors level, students are expected to further analyze current and historic events using economic reasoning. Greater emphasis is placed on mathematics and graphing.

Theories of Business and Management (246) **Grade 11 - 12** $\frac{1}{2}$ year **0.5 credit**

This course will expose the student to the major functions of business and the challenges faced by organizations in today's fast-paced, global, and technologically evolving world. Areas of study include, but are not limited to: the impact of micro and macroeconomics upon the organization, the impact of societal change upon an organization, globalization, social responsibility and business ethics. Included is a study of organizational structures such as the types of business organization and the importance of entrepreneurship in a free market, capitalist economy. Additionally, students will have the opportunity to explore and discover a variety of business career paths.

AP United States Government (248) **Grade 12** **Full year** **1 credit**

Prerequisite: *B in AP United States History or B+ in United States History Honors, and department chair approval*

Advanced Placement United States Government is designed to give the highly motivated student an opportunity to explore all aspects of American government in depth and will simulate a full-year, college-level experience in an introductory government course. A great deal of independent research and a high level of critical reading and writing are expected in this course. Students will study political theory, political beliefs and behaviors, the Constitution, the American electoral system, political parties, the powers of American government, policymaking, and civil rights and civil liberties. Students are required to take the Advanced Placement Exam in May.

AP Comparative Politics (249) **Grade 12** $\frac{1}{2}$ year **0.5 credit**

Prerequisite: *B in AP United States History or B+ in United States History Honors, and department chair approval*

This course is offered in the second semester of the senior year and while it is recommended that it be taken concurrently with Advanced Placement United States Government it is not required. This course will provide a comprehensive study of the models and concepts used by political scientists in analyzing political systems throughout the world. In depth studies of the following countries political systems will be studied: Great Britain, Russia, China, Mexico, Nigeria, and Iran. This course requires extensive Independent work and a high level of reading comprehension. Students are required to take the Advanced Placement Exam in May.

Psychology (253) **Grade 11 - 12** $\frac{1}{2}$ year **0.5 credit**

This is a survey course that introduces students to a broad range of topics related to the study of mental processes and human behavior. Psychological development, emotion and motivation, learning theories, memory formation, personality, and abnormal disorders are just a few of the fascinating topics that will be explored in this course.

Contemporary Law (255) **Grade 10 - 12** $\frac{1}{2}$ year **0.5 credit**

Prerequisite: *Sophomores: B+ in Citizenship and Government and department chair approval*

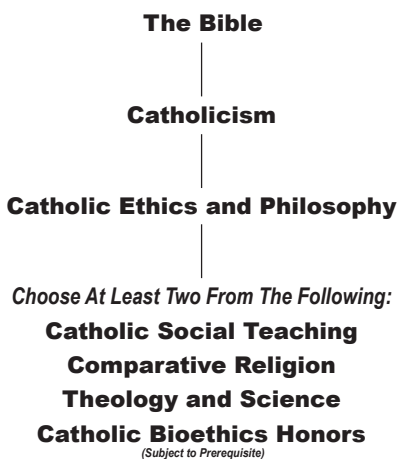
This course is an introduction to the American legal system. Students will learn how criminal and civil trials are conducted from jury selection to sentencing. An extensive review of crimes in the United States from D.U.I. to murder will be conducted. Students will learn about their rights in criminal and civil cases. A review of major Supreme Court cases will be discussed. Finally, students will develop a basic awareness of their civil rights and liberties and how to protect themselves as consumers in American society.

Department of Theology

The Theology curriculum is designed to expose students to the foundational tenets of Roman Catholic faith, morality, and religious practice, and to help students understand and experience the religious and secular issues of our time. Courses are designed to develop the human, spiritual, intellectual, and formative potential of each student, and to offer a variety of experiences that have relevance in the student's life journey. Grounded in the *Doctrinal Elements of a Curriculum Framework*, promulgated by the USCCB, students take courses offering experiential, informational, formational, and cooperative skill-development based on Roman Catholic teaching. **Students are required to take one credit of Theology per year.**

Department of Theology Course Progression

Bold Courses Indicate Graduation Requirements



The Bible (611) **Grade 9** **Full year** **1 credit**
Salvation History Part I: Scripture

This course provides an overview of Sacred Scripture based on Catholic principles for understanding and interpretation of the Bible. The course highlights the theme of covenant as it draws a path through Salvation History. The different books of the Bible and important events in biblical history are examined to reveal the parts they play in Salvation History and in our world today. The aim is to help guide students in appreciating the Word of God as a source for spiritual insight, a guide in prayer, and a moral template that can apply throughout life. This course is designed to invite students into a relationship with Scripture.

Catholicism (621) **Grade 10** **Full year** **1 credit**
Salvation History Part II: Tradition

Based on Sacred Scripture and The Catechism of the Catholic Church, this course introduces students to the growth and development of the Catholic Church from the time of the Apostles to today. Students will be introduced to the principles of faith and what it means to be Catholic. Students will also discuss the relationship between reason and faith, the mystery of the Trinity, and the structure of the Church. The seven Sacraments as encounters with God's grace, the prayers of the Church, and more specifically the Eucharistic Liturgy as the most important prayer of the Church will serve to highlight the importance of the Catholic Church community as a people of God.

Catholic Ethics and Philosophy (634)**Grade 11****Full year****1 credit**

This course is an introduction to the rich traditions of Catholic Moral Teaching. Students develop an understanding of the major philosophical and theological treatments of moral questions on the relationship between God and man and human nature. Students examine the development of Catholic Ethics by comparing it with the development of important secular ethical systems. Topics of study will include the Catholic understanding of Sin and the need for reconciliation, Natural Law Tradition, Moral Virtues, Human Freedom, Virtue and Vice, and the development of the teaching authority of the Church concerning important moral issues. Central to the discussions of the class are Catholic values that equip students with the formation to exercise sound judgment in the moral issues that they will face in daily life.

Catholic Social Teaching (642)**Grade 12****½ year****0.5 credit**

This course places emphasis on the seven pillars of Catholic Social Teaching: Life and Dignity of the Human Person, The Call to Family, Community, and Participation, Rights and Responsibilities, Option for the Poor and Vulnerable, Dignity of Work and the Rights of Workers, Solidarity, and Care for God's Creation. In addition, this course will challenge students to make our world better through active service within the wider community.

Comparative Religions (641)**Grade 12****½ year****0.5 credit**

Students will explore the traditions of Judaism, Islam, the Protestant denominations, Orthodoxy, Hinduism, and Buddhism. Guest speakers from different faith traditions and visits to places of worship will help students explore and study the tenets of faith, religious teachings, history, and sacred texts of each religion in comparison with the Catholic tradition. The course will help prepare seniors for the college experience where they will encounter people from a variety of faith traditions.

Theology and Science (646)**Grade 12****½ year****0.5 credit**

Catholicism has a rich history in using faith and reason to understand God, the nature of the universe, and the purpose of life. Modern secular culture often puts faith and reason, Theology and science at odds and argues that reason and science have made theology and faith obsolete. This course will explore how science informs and enhances each student's appreciation of God's creation and action. An important goal is to guide students to a more complete understanding of the contributions of Catholic theologians to the advancement of science in a variety of scientific areas including medicine, physics, astronomy, mathematics, chemistry, and others.

Catholic Bioethics Honors (644)**Grade 12****½ year****0.5 credit**

Prerequisite: *B+ in The Bible, B+ in Catholicism, A- in Catholic Ethics and Philosophy, and department chair approval*

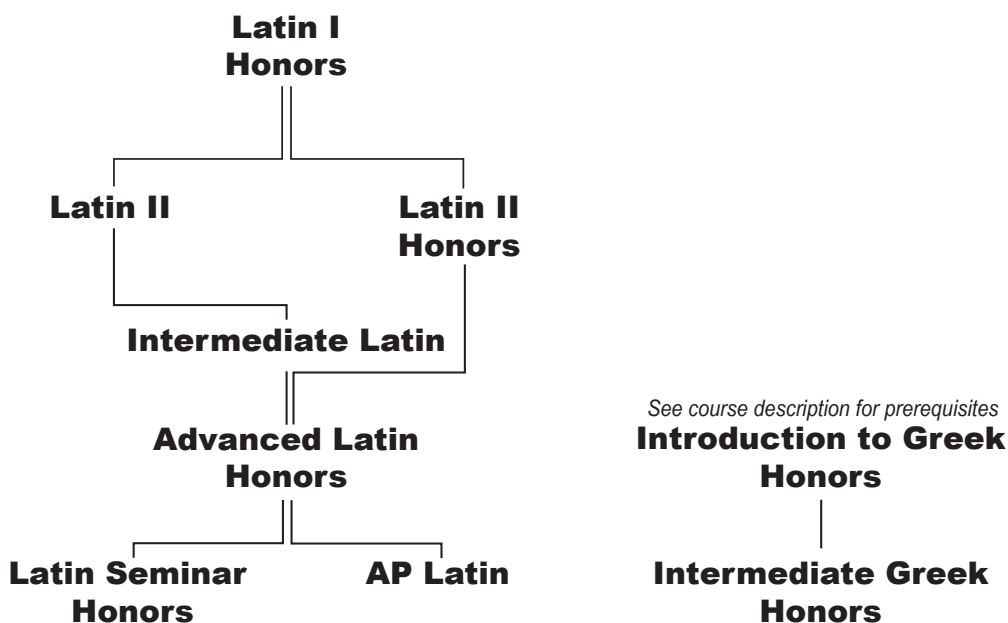
The course is designed to engage students in conversation among the disciplines of Theology, Biomedical Ethics, Philosophy, and Science with particular attention to principles and practices. Steeped in Roman Catholic moral teaching, this course will explore the complexities of contemporary medical decision-making, helping students understand the full impact of technology on the human person. Advanced theological, philosophical, biomedical research standards, academic writing, and presentation skills are essential course components.

Department of World Languages

The World Languages Department offers four-year curricula in French, Latin, and Spanish as well as two semester-long electives in Ancient Greek. The graduation requirement at Bishop Guertin is a two-year sequence in one language. Three or more years in the same language are strongly recommended for college admission. Students who excel in language study are encouraged to enroll in a second language, as scheduling permits.

Note to the incoming student: All incoming students who have taken the equivalent of one or more years of French, Latin, or Spanish should take the placement test. Incoming students must pass this test in order to qualify for placement in a second-year language course.

Department of World Languages Classical Languages Course Progression



Latin I Honors (311)

Grade 9 - 12 Full year 1 credit

This course includes the study and application of elementary Latin grammar and syntax, the reading of elementary Latin prose, the study of Greek and Roman myths, a brief survey of Roman history and political institutions, and the study of Roman social culture.

Latin II (312)

Grade 9 - 12 Full year 1 credit

Prerequisite: *Latin I Honors* or *placement exam*

This course begins with a thorough review of basic Latin grammar and continues to build student knowledge of more complex grammar and syntax. Students will develop their skills through extended reading of Latin texts, building their knowledge of classical culture and literature. Students will study the continuous use of Latin into the medieval and early modern worlds.

Latin II Honors (322) **Grade 9 - 12** **Full year** **1 credit**

Prerequisite: *B in Latin I Honors or placement exam, and department chair approval*

This course contains a brief review of elementary Latin grammar, the study and application of intermediate Latin syntactic structure, further reading of Latin prose, the life and literary works of Julius Caesar, and a closer study of Roman history and political institutions.

Intermediate Latin (313) **Grade 10 - 12** **Full year** **1 credit**

Prerequisite: *C- in Latin II or Latin II Honors, and department chair approval*

Students will review Latin grammar and vocabulary before moving on to read adapted and non-adapted selections from writers such as Caesar and Ovid, as well as deepen their understanding of Latin syntax and Roman culture.

Advanced Latin Honors (323) **Grade 10 - 12** **Full year** **1 credit**

Prerequisite: *B- in Latin II Honors, A- in Latin II, or B in Intermediate Latin, and department chair approval*

Students will read selections from classical authors such as Cicero, Sallust, and Pliny. Selections from Medieval Latin prose and excerpts from the poetry of Ovid may be included at the instructor's discretion. Literary study is combined with continued grammar and syntax application and the study of Roman history.

Latin Seminar Honors (324) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B- in Advanced Latin Honors and department chair approval*

This course is an advanced seminar-style investigation of the works of Golden Age Latin writers such as Catullus, Cicero, Horace, and Ovid. Students will read, translate, understand, analyze, and interpret selected poems and prose works in the context of Roman culture, as well as literary and political history.

AP Latin (329) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B- in Advanced Latin Honors or Latin Seminar Honors, and department chair approval*

This course is designed for superior Latin students. The course follows an Advanced Placement Latin syllabus. Students will read, translate, understand, analyze, and interpret selections from Vergil's Aeneid and Caesar's De Bello Gallico. The works will be considered in terms of late 1st century BC history and culture. Students are required to take the Advanced Placement Exam in May.

Introduction to Greek Honors (372) **Grade 11 - 12** **½ year** **0.5 credit**

Prerequisite: *Completion of the Department of World Languages graduation requirement at the Honors level or two years of Latin with a B- average, and department chair approval*

This half-year course is intended primarily as an introduction to the basic grammar and vocabulary of Classical Greek. Students will learn the Greek alphabet, noun and verb forms, and basic syntax. The cultural background of the language will be brought to life through readings in translation of Greek historians, philosophers, playwrights, and poets. Additionally, students will be introduced to the Bible in its original Greek through excerpts from the New Testament.

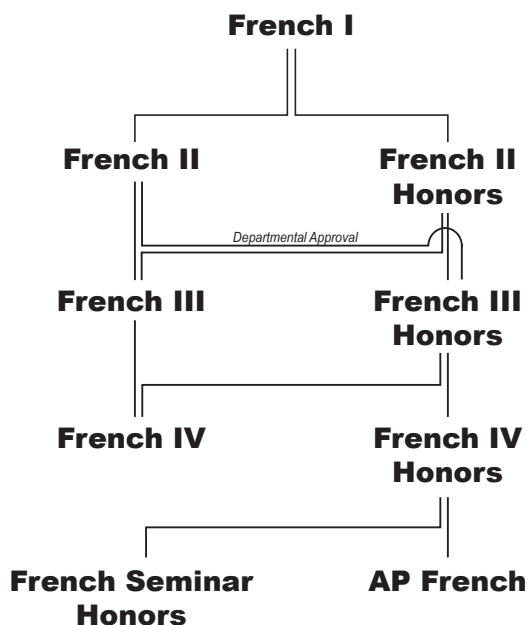
Intermediate Greek Honors (374) **Grade 11 - 12** **½ year** **0.5 credit**

Prerequisite: *C- in Introduction to Greek Honors and department chair approval*

This course continues the study of Classical Greek. Students will learn more advanced grammar and syntax, delve more deeply into Greek history and culture, and be exposed to a larger variety of classical and biblical texts.

Department of World Languages

French Language Course Progression



French I (331) **Grade 9 - 11** **Full year** **1 credit**

This course is for students who have never taken French, as well as for students who have not yet mastered the requirements of Bishop Guertin’s French I curriculum. The focus in the first quarter is “survival French,” which includes the basics necessary to communicate with native speakers in common, everyday situations. After the first quarter, the study of vocabulary and grammar intensifies. Students develop communication skills in a cultural context. The cultural themes of the course include daily activities, people and their possessions, city life, buying clothes, leisure-time activities, and food. The geography and contemporary culture of the Francophone world are introduced, with an emphasis on Paris and France.

French II (332) **Grade 9 - 12** **Full year** **1 credit**

Prerequisite: *French I or placement exam*

This course offers the student the opportunity to further master the elementary level of the four basic language skills: listening, speaking, reading, and writing. Students review and add to the fundamental vocabulary and grammatical structures of French I. Culture focuses on French-speaking regions of North America, and the Franco-American heritage of the New England region is emphasized.

French II Honors (342) **Grade 9 - 12** **Full year** **1 credit**

Prerequisite: *A- in French I or placement exam, and department chair approval*

This course is designed for enthusiastic and talented students pursuing a more rigorous study of French II. In addition to the French II description, the student will be expected to demonstrate a higher level of proficiency in listening, speaking, reading, and writing. The honors curriculum includes expanded vocabulary, grammar and cultural study, more demanding communicative activities, and a greater degree of independent work.

French III (333) **Grade 10 - 12** **Full year** **1 credit**

Prerequisite: *C- in French II or French II Honors*

Intermediate grammar, syntax, and functional conversation skills are stressed. Emphasis is also placed on reading comprehension using a variety of literary works. Vocabulary acquisition is enhanced through an introduction to the art, cinema, and history of the French speaking world.

French III Honors (343) **Grade 10 - 12** **Full year** **1 credit**

Prerequisite: *B in French II Honors or A- in French II, and department chair approval*

In addition to the French III description, the course centers on readings and discussions of selected representative works of Francophone authors. This is a challenging, fast-paced course. Students undertake a thorough study of intermediate grammar and its application to the skills of listening, speaking, reading, and writing.

French IV (334) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *C- in French III or French III Honors*

This course is a continuation of French III. Further development of intermediate grammar and vocabulary building in context is emphasized. Classroom activities encourage students to continue to develop functional language skills in listening, speaking, reading, and writing.

French IV Honors (344) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B in French III Honors and department chair approval*

This course completes the advanced topics in French grammar and continues to broaden and deepen the scope of vocabulary needed for successful communication. The students will develop a high level of proficiency in listening, speaking, reading, and writing skills by completing the study of advanced grammatical structures and through active classroom participation. They will explore the cultures of the Francophone world through the use of authentic documents and literature. The course is designed to prepare the students for college course work in French.

French Seminar Honors (345) **Grade 12** **Full year** **1 credit**

Prerequisite: *B in French IV Honors and department chair approval*

This accelerated course is designed for the student who wishes to pursue a more rigorous study of advanced French. The students will develop a high level of proficiency in listening, speaking, reading, and writing skills through active classroom participation. Grammar is reviewed whenever necessary in order to reinforce proficiency. Students will explore the cultures of the Francophone world through the use of authentic documents and literature. The course is designed to prepare students for college course work in French.

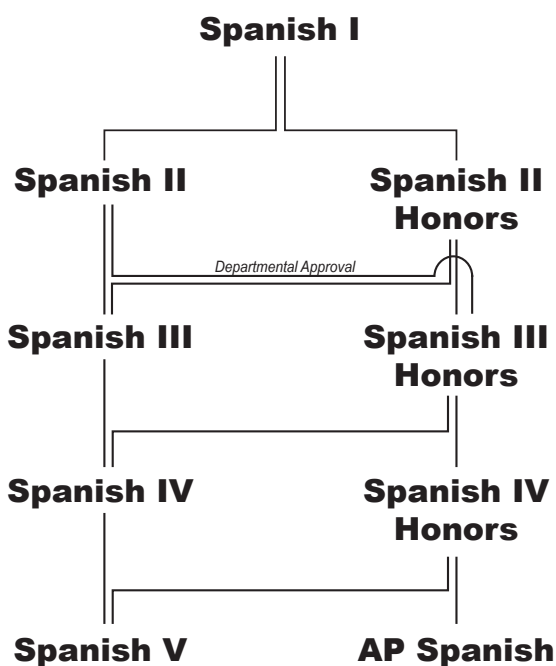
AP French Language (348) **Grade 12** **Full year** **1 credit**

Prerequisite: *B in French IV Honors and department chair approval*

This course is designed for superior fourth and fifth year French students. The course follows an Advanced Placement French syllabus. Written and spoken expression for competency is expected. Students are required to take the Advanced Placement Exam in May.

Department of World Languages

Spanish Language Course Progression



Spanish I (351) **Grade 9 - 11** **Full year** **1 credit**
 This course is for students who have never taken Spanish or for those who have not met the requirements of Bishop Guertin’s Spanish I curriculum. Its focus is on the fundamentals of Spanish grammar and vocabulary. The development of listening, speaking, reading, and writing skills is emphasized. Students are introduced to Spanish and Latin American cultures.

Spanish II (352) **Grade 9 - 12** **Full year** **1 credit**
Prerequisite: *Spanish I or placement exam*
 This course offers the student the opportunity to further master the four basic language skills: listening, speaking, reading, and writing. Students review and add to the fundamental vocabulary and grammatical structures of Spanish I. Spanish and Latin American cultures will be explored in greater depth.

Spanish II Honors (362) **Grade 9 - 12** **Full year** **1 credit**
Prerequisite: *A- in Spanish I or placement exam, and department chair approval*
 This course is designed for enthusiastic and talented students pursuing a more rigorous study of Spanish II. In addition to the Spanish II description, the student will be expected to demonstrate a higher level of proficiency in listening, speaking, reading, and writing. The honors curriculum includes expanded vocabulary, grammar and cultural study, more demanding communicative activities, and a greater degree of independent work.

Spanish III (353) **Grade 10 - 12** **Full year** **1 credit**

Prerequisite: *C- in Spanish II or Spanish II Honors*

Students will continue their study of the Spanish language via an emphasis on all communications skills (speaking, listening, reading and writing) and cultural study. Advanced topics in vocabulary, grammar, and syntax are introduced. The study of culture is enriched through various topics.

Spanish III Honors (363) **Grade 10 - 12** **Full year** **1 credit**

Prerequisite: *B in Spanish II Honors or A- in Spanish II, and department chair approval*

This course is designed for enthusiastic and talented students pursuing a more rigorous and detailed study of Spanish III. In addition to the Spanish III description, the student will be expected to demonstrate a higher level of proficiency in listening, speaking, reading, and writing. The honors curriculum includes expanded vocabulary and grammar study, more demanding communicative activities, and a greater degree of independent work.

Spanish IV (354) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *C- in Spanish III or Spanish III Honors*

This course continues advanced Spanish grammar, vocabulary building in context, and the enhancement of communicative skills through a variety of collaborative activities as well as independent work. Course content focuses on universal themes, contemporary issues, and culture through diverse media.

Spanish IV Honors (364) **Grade 11 - 12** **Full year** **1 credit**

Prerequisite: *B in Spanish III Honors and department chair approval*

Spanish IV Honors is a pre-AP class, designed for students who plan to take the Advanced Placement Spanish Language and Culture course the following year, as well as for students who wish to advance their language studies. The main focus is the refinement of speaking, listening, reading, and writing skills. Students will be rigorously challenged by activities, which require the communicative use of all these skills. Thematic units of study are based on the AP global themes.

Spanish V (355) **Grade 12** **Full year** **1 credit**

Prerequisite: *C- in Spanish IV or Spanish IV Honors*

This is a project-based course designed for students who wish to continue their studies in Spanish. Students will broaden their understanding of Spanish through the introduction of new vocabulary and grammatical structures. Additionally, they will develop a higher level of proficiency in listening, speaking, reading, and writing through active classroom participation. Cultural themes will be explored through the use of authentic documents, literature, and film.

AP Spanish Language and Culture (368) **Grade 12** **Full year** **1 credit**

Prerequisite: *B in Spanish IV Honors and department chair approval*

Students will be rigorously challenged by activities which require the communicative use of all language skills (speaking, listening, reading and writing). Students will strengthen their interpretive, interpersonal and presentational skills by engaging in a variety of activities in the target language. Thematic units of study are aligned with the College Board Advanced Placement Spanish Language and Culture course description and AP global themes. Students are required to take the Advanced Placement Exam in May.

AP Capstone

The Advanced Placement Capstone program was designed to equip students with the independent research, collaboration, and communication skills which colleges value. The complete program consists of two courses: AP Seminar and AP Research. These courses are designed to complement and enhance discipline-specific study in other AP courses.

In the complete AP Capstone program, students would take AP Seminar in Grade 11, followed by AP Research in Grade 12. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research, but not on four additional AP Exams, receive the AP Seminar and Research Certificate™.

Currently AP Seminar is the only course offered, however future student interest and teacher availability may allow the school to offer AP Research in future years.

AP Seminar: Human Nature and Human Communities Grade 11 - 12 Full year 1 Credit

Prerequisite: *Current or previous enrollment in AP United States History or AP Language and Composition, and approval by the Vice Principal*

This course aims to address universal questions of human nature by applying insights obtained from literature and history to contemporary problems. Students will engage in individual and group investigation of research topics suggested by a close encounter with primary sources drawn from multiple media. The class will prepare to take the AP Seminar exam through the creation of a portfolio of written and oral presentations that displays the results of original research and reflection on a variety of themes.



Sample 4 Year Plan

SAMPLE 4 YEAR PLAN	9th Grade	10th Grade	11th Grade	12th Grade
Computer Science	Explorations in CS	1/2 Credit Computer Science Elective in 3 Years		
English	Introduction To Literature	World Literature	American Literature	British Literature
Fine Arts	Art	1/2 Credit Fine Arts Elective in 3 Years		
Health and Fitness	PE	Health	1/2 Credit Physical Education Elective in 2 Years	
Mathematics	Algebra I	Geometry	Algebra II	Trigonometry Pre-Calculus
Theological Studies	The Bible	Catholicism	Catholic Ethics and Philosophy	Theology Elective Theology Elective
Science	Biology	Chemistry	Elective	Physics
Social Studies	Citizenship and Govt.	World History	U.S. History	Economics Social Studies Elective
World Language	Spanish, French or Latin	Spanish, French or Latin	Spanish, French or Latin	Spanish, French or Latin

Sample Transcript

2018-2019	Grade: 9th	Bishop Guertin High School			GPA: 3.3279
	S1	S2	FG	Credit	
Explorations in Computer Science	A-		A-	0.50	
Introduction to Literature	C+	B	B-	1.00	
Physical Education Fr/So		A-	A-	0.50	
Foundations in Art I		A+	A+	0.50	
Algebra I	A-	A-	A-	1.00	
The Bible	A-	A-	A-	1.00	
Biology	A	A-	A-	1.00	
Citizenship and Government	B		B	0.50	
Spanish II	B-	C	C+	1.00	
2019-2020	Grade: 10th	Bishop Guertin High School			GPA: 3.3543
	S1	S2	FG	Credit	
Shakespeare Honors	B+		B+	0.50	
World Literature	B+	B	B+	1.00	
Health		A	A	0.50	
Intermediate Geometry	B+	B+	B+	1.00	
Catholicism	A	A	A	1.00	
Chemistry	B	B	B	1.00	
World History	A-	B	B+	1.00	
Spanish III	B-	B-	B-	1.00	
2020-2021	Grade: 11th	Bishop Guertin High School			GPA: 4.0693
	S1	S2	FG	Credit	
American Literature Honors	A-	A-	A-	1.00	
Art II	A+		A+	0.50	
Physical Education Jr/Sr		A	A	0.50	
Algebra II	A-	B+	B+	1.00	
Catholic Ethics and Philosophy	A	A	A	1.00	
Environmental Science Honors	A+	A+	A+	1.00	
United States History - Honors	A		A	1.00	
Latin I	A+	A	A+	1.00	
2021-2022	Grade: 12th	Bishop Guertin High School			GPA: 3.5443
	S1	S2	FG	Credit	
British Literature Honors	B	A	B+	1.00	
Pottery I		B+	B+	0.50	
Weight Training	A		A	0.50	
Trig-Precalculus	B-	B-	B-	1.00	
Catholic Social Teaching		A	A	0.50	
Comparative Religions	A+		A+	0.50	
Physics	B+	B	B+	1.00	
Economics Honors		A-	A-	0.50	
Global America - Honors	A-		A-	0.50	
Latin II Honors	B+	B-	B	1.00	

Cumulative: 3.5739

It is the policy of this high school not to rank the students by their GPAs.

Signature: Brenda Poznanski, Director of School Counseling