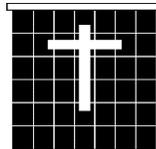


# 2018-2019

---

# PROGRAM OF STUDIES

---



*Accredited by the  
New England Association of  
Schools and Colleges*

*Bishop Stang High School  
500 Slocum Road  
North Dartmouth MA 02747  
Telephone (508) 996-5602  
FAX (508) 994-6756  
Home Page [www.bishopstang.org](http://www.bishopstang.org)*

*A U.S. Department of Education  
Blue Ribbon  
School of Excellence*

# **INTRODUCTION**

## **WELCOME, MEMBERS OF THE CLASSES OF 2019, 2020, 2021, AND 2022**

Bishop Stang High School, a Catholic comprehensive college preparatory secondary school, offers a wide variety of courses at multiple levels in order to meet the needs of each student. The administration and faculty are proud of the academic program offered for the 2018-2019 school year.

Your selection of courses for each year is extremely important and deserves thorough consideration by both you and your parents. A general outline of courses to be followed as you progress through your four years at Bishop Stang High School has been included in order to help both you and your parents plan your high school educational program wisely. Because the master schedule is built on the choices made in the course selection process, it is advantageous for you to make the very best decisions for you and your future at this time.

In order to be academically prepared to meet your future goals, please read this Program of Studies carefully, weigh your choices, and plan for the most challenging and exciting program available. The administration, faculty, and guidance counselors are available to assist you in any way possible in the course selection process.

Peter Shaughnessy  
President / Principal

Kathleen Ruginis, Obl. SB  
Assistant Principal of Academics

Michael P. O'Brien  
Assistant Principal of Students

## **MISSION STATEMENT**

Bishop Stang High School is a community rooted in, and dedicated to, spreading the message of Jesus Christ as handed down through the teachings of the Catholic Church and the charism of the Sisters of Notre Dame de Namur. A diocesan, co-educational, college preparatory school serving a diverse student population, we are called to holistically educate our students to be spiritually, academically, and socially prepared to meet the demands of higher learning and of life. Providing a disciplined yet nurturing atmosphere that combines academic excellence with Christian values, we educate our students to be people of integrity and global awareness who value a commitment to service.

## **PHILOSOPHY**

Bishop Stang High School is a four-year co-educational school operated by the Roman Catholic Diocese of Fall River to provide students with an education built on and directed by the message and teachings of Jesus Christ as expressed in the Roman Catholic tradition. Such an education should offer structured opportunity and guidance for spiritual, intellectual, moral, cultural, emotional, social and physical growth. It should value academic excellence while providing for the academic needs of a diversity of students, encouraging individual development and offering the experiences of Christian community. It should foster awareness of the complexities of life in the twenty-first century and attempt to provide knowledge and values to deal effectively with these complexities as responsible citizens.

Bishop Stang High School intends to graduate students who:

- have knowledge of and personal experience with Jesus Christ, which will enable them to choose to be active Christians.
- are prepared to meet the requirements of the next step after high school - further education, work, marriage, family, and community life.
- have positive self-images based on self-knowledge, moral integrity, service to others, and an appreciation of all life.
- have the skills necessary to be clear thinkers, effective communicators, and responsible decision-makers.
- understand freedom, peace and justice in the context of Gospel values and exercise their responsibility to work toward the realization of these values.

## **ACCREDITATION**

Bishop Stang High School is accredited by the New England Association of Schools and Colleges, a nationally recognized non-governmental organization. This accreditation indicates that the qualifying school meets or exceeds the criteria established by this organization and has achieved institutional integrity.

## **ADMISSIONS**

Bishop Stang High School admits students of any race, color, national or ethnic origin to all rights, privileges, programs and activities generally accorded or made available to all students at the school. It does not discriminate against minorities in administration of its admissions policies, educational programs, athletic activities or any other school-sponsored events.

## **GUIDANCE DEPARTMENT**

Bishop Stang High School's guidance program is designed to assist each student in meeting his or her developmental needs and in planning and implementing educational and occupational goals. Each student in grades nine through twelve is assigned a counselor at the beginning of the school year. Students are then seen several times in the course of the year; this may be on an individual basis or in small groups, as determined by each student's needs. Students are encouraged to meet with their counselors at any time.

## **SPECIAL PROGRAMS:**

### **College Credit Program**

Students taking courses at area colleges may have their college transcripts forwarded with their high school transcripts at the time college applications are processed. Students may also have the college credit listed on their high school transcript.

### **F.I.A.T. Christian Service Program**

#### **Grades 11, 12**

The Christian Service Program at Bishop Stang High School is known as F.I.A.T. (*Faith In Action Together*). As a graduation requirement, each junior and senior is required to select a minimum of one of the many program options offered through F.I.A.T. Students are required to complete all components of their chosen F.I.A.T. program. The three required components of each project are education, service performance, and reflection.

### **ROSEANNE BARKER LEARNING COMMONS**

Bishop Stang High School's Learning Commons is open to students and faculty from 7:30 a.m. to 5:00 p.m., Monday through Friday. The Commons houses curriculum-rich print, video, and audio collections as well as several electronic databases and a Massachusetts School Library Association award-winning website. It is a member of the MassCat library consortium as well as the Massachusetts Library System (MLS) and through their sponsorship the Commons is able to offer additional electronic databases as well as interlibrary loan and other services. Desktop computers, wireless laptop computers, and iPads are available for student use, allowing access to word processing, the online library catalog, Internet, and numerous electronic resources.

### **COURSE SELECTION POLICIES - GENERAL INFORMATION**

All students must carry a minimum of six full credits, including Theology, English, and Mathematics for each of four years, regardless of accumulated credits. Students may carry heavier course loads with the approval of their guidance counselors and the recommendation of their teachers. Students should be aware of college admission requirements when choosing their electives. The distinction between College Preparatory A electives and College Preparatory B electives is that the latter are not necessarily recognized by some colleges as fulfilling college admission requirements.

The graduation requirements of Bishop Stang High School positively compare to the college preparatory coursework recommended by the Admissions Standards of the Board of Regents of the Commonwealth of Massachusetts. The possible exceptions to this may be College Preparatory B courses. However, College Preparatory B level courses are NCAA approved.

Students should weigh carefully which courses they select each year, as it is these choices that mold the master schedule. These choices should be influenced by their future educational plans and by the requirements of the colleges in which they are interested.

### **COURSE WEIGHT AND RANK**

The weight of each course at Bishop Stang High School is determined by the level assigned. Bishop Stang High School does not rank students, other than for internal use only.

## LEVEL DESCRIPTIONS

### College Preparatory B

College Preparatory B courses are open to students who have identified difficulties in a certain content area. These courses are characterized by basic learning skills such as reading, note-taking, study skills, reinforcement of memory skills, organization and management of a student's time. Because of these built-in supports, more time is spent on developing these learning skills in specific content areas. College Preparatory B courses meet the requirements of most community colleges.

### College Preparatory A

College Preparatory A courses are open to students who, because of their ability, have demonstrated learning skills necessary to succeed in college preparatory courses. The majority of Bishop Stang students are enrolled in College Preparatory A courses. These courses are characterized by detailed content requiring application, analysis and evaluation of the material presented.

### Honors

Honors courses are open to students who are well-motivated, willing to take responsibility for learning and have shown evidence of superior academic performance and ability. These courses are characterized by content which is more extensive and detailed than College Preparatory A or College Preparatory B courses. The material presented has greater depth requiring application, analysis and evaluation of the material, and the understanding and use of concepts. Independent research, extensive use of resources and outside reading are also expected.

### Advanced Placement (open to juniors and seniors)

Advanced Placement courses provide students the opportunity to pursue college-level studies while in secondary school. All students taking Advanced Placement courses are required to take the Advanced Placement Examination in each course taken.

*The guidelines for course changes or level changes are published in both the Faculty Handbook and the Student Handbook. The guidelines are meant to insure that all students have sound academic schedules. The recommendations of teachers carry considerable weight in such decisions.*

*Any student who withdraws from a course after the first month receives a "WP" (withdrawal/pass) or a "WF" (withdrawal/fail) on his/her report card.*

*Students are not tracked at Bishop Stang High School. Aptitude, strengths and weaknesses are considered in each course placement by department chairpersons in their respective disciplines.*

## CRITERIA FOR LEVEL ADVANCEMENT

To qualify for advancement from **College Preparatory B level** to **College Preparatory A level** in any discipline:

- A student must have the recommendation of his/her current teacher in that discipline, guidance counselor, and the department chairperson of the appropriate discipline.
- A student must have an average of 90 or above in previous courses in that discipline.
- A student must have an average of 90 or above in current courses in that discipline at the time he/she selects courses for the coming year.

- Where appropriate, a student must agree in writing to successfully complete lessons or work separating the College Preparatory B level curriculum from the College Preparatory A level curriculum. This will vary according to the discipline.

To qualify for advancement from the **College Preparatory A level** to the **Honors level** in any discipline:

- A student must have the recommendation of their current teacher(s) in that discipline, guidance counselor, and the department chairperson of the appropriate discipline.
- A student must have an average of 90 or above in previous courses in that discipline.
- A student must have an average of 90 or above, at the time he/she selects courses for the coming year, in current courses in that discipline.
- Where appropriate, a student must agree in writing to successfully complete lessons or work separating the College Preparatory A level curriculum from the Honors level curriculum. This will vary according to the discipline.

## CRITERIA FOR ADVANCED PLACEMENT COURSES

In order to qualify for any Advanced Placement level courses in any discipline, a student must demonstrate a strong work ethic and must receive the recommendations of his/her guidance counselor, teacher in that discipline and the appropriate department chairperson. In addition, a student must meet the following requirements:

- A '90' or higher average for all previously completed courses in the discipline;
- A '90' or higher average to date for any course in the discipline in which he/she is currently enrolled;
- The PSAT evidence-based reading and writing score, and the PSAT math score.

To calculate AP course eligibility, use the following information:

- The final average of each course taken in that discipline in previous years.
- The average to date of each course taken in that discipline in the current year.
- Twice the PSAT math and/or evidence-based reading and writing scores (divided by 10). For Advanced Placement level courses in English or Social Studies, twice the PSAT evidence-based reading and writing score is used. For courses in Mathematics, twice the PSAT math score is used. For Advanced Placement Physics and Chemistry, the PSAT evidence-based reading and writing, and math scores are used.
- Add together the required grades and test scores and divide by the number of grades and test scores listed. **To meet the minimum requirements for Advanced Placement level courses, the resulting average must be a '75' or higher.**

The formula described above is based on honors-level courses. If any of the courses used to compute the average were College Preparatory A level courses, students should subtract 10% from the final course average. If any of the courses used to compute the average were Advanced Placement courses, students should add 10% to the final course average.

***All students enrolling in Advanced Placement science, math, English, and U.S. History will have "summer packets" that must be completed before the opening of school.*** Various parts of the summer packets will be due on specific dates throughout the summer. ***Students missing any of the assigned deadlines will automatically be withdrawn from the course.***

***All students enrolled in Advanced Placement courses are required to complete the appropriate AP exam issued by the College Board.*** These exams are administered at the school in May. ***Failure to complete the appropriate College Board AP exams will result in weighting the particular course as "Honors," not "Advanced Placement."*** Colleges will be notified if such a change occurs.

## ACADEMIC REQUIREMENTS - GRADUATION REQUIREMENTS

Every student must take and pass a minimum of 6.00 credits per academic year. A total of 26 credits are required for graduation. The requirements are:

<b>Theology</b>	<b>4 credits</b>
1.0 credit in each of four years	
<b>English</b>	<b>4 credits</b>
1.0 credit in each of four years	
<b>Mathematics</b>	<b>4 credits</b>
1.0 credit for each of four years	
<b>World Language</b>	<b>2 credits</b>
Two years are required in the same world language. Three years are strongly recommended to meet the requirements of some colleges.	
<b>Social Studies</b>	<b>3 credits</b>
1.0 credit in World History	
2.0 credits in U.S. History	
<b>Science</b>	<b>3 credits</b>
1.0 credit in Biology	
2.0 credits in electives	
<b>Fine Arts</b>	<b>1 credit</b>
0.5 credit in performing arts (music or foundations of performing arts)	
0.5 credit in visual arts	
<b>Physical Education</b>	<b>1.5 credits</b>
0.5 Health	
0.5 PE Activity	
0.5 PE Activity	
Students may elect to earn 0.5 PE credit for participation in school sponsored Interscholastic sports in two of the three following years: freshman, sophomore, junior	
<b>Elective credits</b>	<b>3.5 credits</b>
<b>Christian Service Project – A project is required in both the junior and senior years</b>	

## COURSE FAILURES

Students must take and pass a minimum of 6.00 credits annually to qualify for promotion to the next grade.

A student who fails a course may either attend an approved high school summer program, complete an approved online course, or be tutored by a qualified teacher. **Failed courses must be made up during the summer in order for a student to return to Bishop Stang in the fall.** Students failing more than two credits for the year may be asked to not return to Bishop Stang High School. Seniors must make up all failed courses before a diploma is granted.

Regardless of the grading system used by summer schools and tutors, "P" is recorded on a student's permanent record at Bishop Stang. The student receives the credit for successful summer school work.

## CANCELLATION OF COURSES

Bishop Stang High School reserves the right to eliminate any course offered in this Program of Studies due to insufficient enrollment for the course.

## SUGGESTED FOUR-YEAR EDUCATIONAL PLAN

This is a suggested standard design of a four-year educational plan, charted for the convenience of the majority of the students at Bishop Stang High School. This plan allows students some flexibility while remaining faithful to graduation requirements.

*Students may opt to take more than the credits required with teacher, department chairperson, and counselor approval.*

<b>Grade Nine</b> Theology I English I World History Algebra I Biology World Language or Study Skills Performing Arts Physical Education Activity 7.00 credits	<b>Grade Ten</b> Theology II English II U.S. History I Geometry Science World Language II Health Physical Education Activity 7.00 credits	<b>Grade Eleven</b> Theology III English III U.S. History II Algebra II Science Electives (1.5 credits) Visual Arts Christian Service Project 6.00 credits	<b>Grade Twelve</b> Theology IV English IV Mathematics Science Electives (3 credits) Visual Arts Christian Service Project 6.00 credits
---	--	---	---

## BUSINESS AND COMPUTER SCIENCE

### *Guidelines for Parents and Students*

*Business and computer science courses are among those from which students may select elective credits to satisfy 'elective requirement's.*

**Please note that these courses will only run during years when course enrollment allows such an offering.**

**FINANCE 732**  
**Introduction to Finance**  
**Semester course**  
**Grades 11, 12**  
**College Prep A**  
**0.50 credit**

This course provides an overview of the field of Finance. Topics such as personal financial literacy, the time value of money, uncertainty, the trade-off between risk and return and understanding financial formulas are covered. This course is geared toward students who want to explore the possibility of finance or business as a college major.

### **Requirements**

Students are placed by recommendation of the Mathematics/ Business Department Chairperson.

**BUSINESS 734**  
**Introduction to Economics**  
**Semester course**  
**Grades 11, 12**  
**College Prep A**  
**0.50 credit**

This course provides an opportunity for students to master fundamental economic concepts, appreciate how the concepts of economics relate to each other and understand the structure of economic systems. Students will have the opportunity to use economics in dealing with personal, community, national and global issues. This course is geared toward students who want to explore the possibility of economics, finance or business as a college major.

**Requirements**

Students are placed by recommendation of the Mathematics/ Business Department Chairperson.

**COMPUTER SCIENCE 702**  
**Introduction to Computer Science**  
**Semester course**  
**Grade 11, 12**  
**College Prep A**  
**0.50 credit**

Introduction to Computer Science is an entry-level course into this dynamic field, the art of programming, and computer aided design. Topics will include abstraction, algorithms, data structures, resource management, software engineering, and web development. Programming languages taught at the discretion of the instructor may include Java, C(+, ++, and/or #), Python, JavaScript, CSS, and HTML(5). Students will approach problems related to biology, cryptography, finance, and gaming.

**Requirements**

Students must have successfully completed College Preparatory A Algebra II. A laptop is required for this course.

## **ENGLISH DEPARTMENT**

**Guidelines for Parents and Students**

*All students are automatically enrolled in English classes each year as part of Bishop Stang's four-year program. English electives are offered to juniors and seniors.*

**ENGLISH 671**  
**Study Skills Lab**  
**Full-year course**  
**College Prep B**  
**1.00 credit**

The Study Skills Lab reinforces those skills necessary for high school success. The lab emphasizes study and testing skills, time management, organization, and the application of such skills used across the curriculum. Reading and writing skills are strengthened through a variety of activities. This lab is taken in place of a world language.

**Requirements**

Freshmen enrolled in three or more College Prep B courses are automatically enrolled in the Study Skills Lab.

**ENGLISH 601**  
English I  
Full-year course  
College Prep B  
1.00 credit

This course introduces the major literary genres: fiction, non-fiction, poetry and drama. Study and testing skills are reinforced with an emphasis placed on vocabulary, spelling, grammar and correct usage. Information and Digital Literacy is incorporated into English I classes.

**Requirements**

Students are placed by recommendation of the English/Fine Arts Department Chairperson.

**ENGLISH 602**  
English I  
Full-year course  
College Prep A  
1.00 credit

This course introduces critical thinking and analytical skills through the major literary genres: fiction, non-fiction, poetry and drama. This course includes the study of fundamental skills-grammar, correct usage, vocabulary, writing, and testing. Information and Digital Literacy is incorporated into English I classes.

**Requirements**

Students are placed by recommendation of the English/Fine Arts Department Chairperson.

**ENGLISH 603**  
English I  
Full-year course  
Honors  
1.00 credit

This course provides the student with an in-depth application of critical thinking and analytical skills through selected genres of literature: fiction, non-fiction, poetry, and drama. The course includes oral and written communication skills, vocabulary, correct grammar usage and testing skills. Information and Digital Literacy is incorporated into English I classes.

**Requirements**

Students are placed by recommendation of the English/Fine Arts Department Chairperson.

**REQUIRED COURSES FOR SOPHOMORES -----**

**ENGLISH 611**  
English II  
Full-year course  
College Prep B  
1.00 credit

This course is a continuation of genre studies as well as a survey of selected American authors from the Colonial Period to the 20th Century. Study and testing skills are reinforced with an emphasis placed on vocabulary, spelling, grammar and correct usage.

**Requirements**

Students are placed by recommendation of their freshman English teachers or the English/Fine Arts Department Chairperson.

**ENGLISH 612**  
**English II**  
**Full-year course**  
**College Prep A**  
**1.00 credit**

This course is a survey of American authors from the Colonial Period to the 20th Century. This course continues to place an emphasis on vocabulary, grammar, correct usage, communication and testing skills.

**Requirements**

Students are placed by recommendation of their freshman English teachers or the English/Fine Arts Department Chairperson.

**ENGLISH 613**  
**English II**  
**Full-year course**  
**Honors**  
**1.00 credit**

This course is a survey of American Literature. Students are guided in the analysis of authors' styles, themes, and literary contributions. The principles of grammar, testing skills, correct usage and writing are essential components of this class.

**Requirements**

Students are placed by recommendation of their freshman English teachers or the English/Fine Arts Department Chairperson.

**REQUIRED COURSES FOR JUNIORS-----**

**ENGLISH 621**  
**English III**  
**Full-year course**  
**College Prep B**  
**1.00 credit**

This course is a survey of British literature from the Anglo-Saxon Age through the 20th Century. The course continues to reinforce grammar, testing skills, correct usage, critical reading and writing. Oral communication and vocabulary building continue to be developed.

**Requirements**

Students are placed by recommendation of their sophomore English teachers or the English/Fine Arts Department Chairperson.

**ENGLISH 622**  
**English III**  
**Full-year course**  
**College Prep A**  
**1.00 credit**

This course is a survey of British literature from the Anglo-Saxon Age through the 20th Century. Students are encouraged to develop their critical thinking, analytical skills, and testing strategies while continuing the study of vocabulary, grammar and writing.

**Requirements**

Students are placed by recommendation of their sophomore English teachers or the English/Fine Arts Department Chairperson.

**ENGLISH 623**  
**English III**  
**Full-year course**  
**Honors**  
**1.00 credit**

This course is a chronological study of British Literature from the Anglo-Saxon Age to the Modern Era. Students are exposed to an extensive variety of literary genres and techniques and are schooled in methods of interpretation, analysis, and discussion. The course also includes the study of grammar, vocabulary, testing and writing skills.

**Requirements**

Students are placed by recommendation of their sophomore English teachers or the English/Fine Arts Department Chairperson.

**ENGLISH 625**  
**AP English Language and Composition**  
**Full-year course**  
**Advanced Placement**  
**1.00 credit**

AP English Language and Composition fulfills the requirements for English III. This course will engage students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose texts for a variety of purposes. As students read a variety of non-fiction genres, they will become part of the conversational process, responding with their own prose to the ideas of prior generations of writers. Both the writing and the reading will help to make students aware of the interactions among a writer's purpose, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to the effectiveness in writing.

This course will be organized around sequences of assignments devoted to writing particular forms (argumentation, description, narration, etc.) or to group readings and writing assignments by form, theme, and voice, asking students to identify writers' strategies and then practice them. Students are required to take the College Board Advanced Placement English Language and Composition Examination at the completion of this course.

**Requirements**

Students must meet the criteria set forth on page 5 in the Program of Studies including the successful completion of a summer work packet.

**REQUIRED COURSES FOR SENIORS-----**

**ENGLISH 631**  
**English IV**  
**Full-year course**  
**College Prep B**  
**1.00 credit**

This course is a survey of British literature from the Anglo-Saxon Age through the 20<sup>th</sup> Century. The course continues to reinforce grammar, testing skills, correct usage, critical reading and writing. Oral communication and vocabulary building continue to be developed.

**Requirements**

Students are placed by recommendation of their junior English teachers or the English/Fine Arts Department Chairperson.

**ENGLISH 632**  
**English IV**  
**Full-year course**  
**College Prep A**  
**1.00 credit**

This course is a survey of selected literature by world authors. This study of literature includes poetry, fiction and drama. The course continues to reinforce college-level vocabulary building, as well as critical reading and writing skills.

**Requirements**

Students are placed by recommendation of their junior English teachers or the English/Fine Arts Department Chairperson.

**ENGLISH 633**  
**English IV**  
**Full-year course**  
**Honors**  
**1.00 credit**

This accelerated course integrates vocabulary, grammar, research, and writing with an intensive study of diverse literature by renowned world authors. This study of literature includes poetry, fiction and drama. The interpretation, analysis and summary of materials are major responsibilities of the student.

**Requirements**

Students are placed by recommendation of their junior English teachers or the English/Fine Arts Department Chairperson.

**ENGLISH 635**  
**AP English Literature**  
**Full-year course**  
**Advanced Placement**  
**1.00 credit**

This English literature and composition course fulfills the requirement of English IV. Students study British and American Literature of various periods and genres. Writing assignments focus on the critical analysis of the literary works read. Students are required to take the College Board Advanced Placement English Literature Examination at the completion of this course.

**Requirements**

Students must meet the criteria set forth on page 5 in the Program of Studies including the successful completion of a summer work packet.

**ELECTIVE COURSES FOR JUNIORS AND SENIORS-----**

**ENGLISH 642**  
**Writing Process**  
**Semester course**  
**College Prep A**  
**0.50 credit**

This course employs a process-oriented approach for the acquisition of skills necessary to become a quality writer. Prewriting, drafting, revising, editing, publishing and performing will be explored through numerous models and exercises. The course will utilize more time in teaching the preliminary parts of the writing process. Students will be exposed to both formal and creative writing. At the conclusion of the course, the expectation for the student-writers will be to continue developing the tools necessary to remain writers for life. This course is not designed to develop the college essay.

**Requirements**

Students are placed by recommendation of their English teachers or the English/Fine Arts Department Chairperson. Due to limited enrollment, the course is open first to seniors and then to juniors. Students must be meeting success in the College Prep A English program.

**ENGLISH 643**  
**Writing Process**  
**Semester course**  
**Honors**  
**0.50 credit**

This course employs a process-oriented approach for the acquisition of skills necessary to become a quality writer. Prewriting, drafting, revising, editing, publishing and performing will be explored through numerous models and exercises. Students will be exposed to various modes of writing, including creative writing. At the course's conclusion, it is hoped that the student-writers will develop the tools and motivation to remain writers for life. This course is not designed to develop the college essay.

**Requirements**

Students are placed by recommendation of their English teachers or the English/Fine Arts Department Chairperson. Due to limited enrollment, the course is open first to seniors and then to juniors. Students must be meeting success in the Honors English program.

**ENGLISH 652**  
**Communications**  
**Semester course**  
**College Prep A**  
**0.50 credit**

This is a one-semester course to aid students in developing a sense of self-confidence in public speaking. Class assignments include topic selection, research and speechwriting. Listening skills and presentation techniques are emphasized.

**Requirements**

Students are placed by recommendation of their current English teachers or the English/Fine Arts Department Chairperson.

**ENGLISH 653**  
**Communications**  
**Semester course**  
**Honors**  
**0.50 credit**

This is a one-semester course to aid students in developing a sense of self-confidence in public speaking. Topic research and speechwriting lead to ongoing class presentations. Both communication and critical listening skills are practiced during individual and group activities.

**Requirements**

Students are placed by recommendation of their current English teachers or the English/Fine Arts Department Chairperson.

## FINE ARTS

### **Guidelines for Parents and Students**

All students must earn one-half credit in visual arts and one-half credit in performing arts (music and theatre arts) as part of their four-year program. Students may choose to participate fully in chorus or instrumental ensemble throughout their four years at Bishop Stang. Students are encouraged to select **more** than the minimum requirement in these areas of study.

### **Special Equipment and Materials**

There is a materials charge for visual arts courses.

## ELECTIVE COURSES IN THEATER ARTS-----

**THEATRE 868**  
**Foundations of Performing Arts**  
**Semester course**  
**Grades 9, 10, 11, 12**  
**College Prep A**  
**0.50 credit**

This introductory course teaches fundamental techniques, skills and historical knowledge of performing by exploring a wide range of concepts within the performing arts. Students learn about theatre through performances, history, and technical application as well as through music theory and appreciation. Students will evaluate and analyze peer and professional performances, apply musical knowledge in application and independently apply technical skills to theatrical productions. Successful completion of this course fulfills requirements for students who wish to enroll in Honors Theater Arts or Honors Advanced Musicianship.

### **Requirements**

Students are placed by the recommendation of the teacher or the English/Fine Arts Department Chairperson.

**THEATRE 808**  
**Theatre Arts**  
**Semester Course**  
**Grades 10, 11, 12**  
**Honors**  
**0.50 credit**

This course is designed to provide students with a learning experience directed toward an awareness of the theatre. This course includes improvisation, characterization, voice, diction, pantomime, monologue work, and scene studies. Students learn acting and directing skills while studying all aspects of play production. The class will participate in a full theatrical production, completely independent of a teacher director, but with teacher supervision.

### **Requirements**

Students must have successfully completed Foundations of Performing Arts and have the recommendation of the music teacher or the English / Fine Arts Department Chairperson.

## VOCAL MUSIC-----

Chorus is designed for any student interested in singing a varied repertoire of music for mixed voices. With the structure of the chorus program, students may choose to participate fully throughout their four years at Bishop Stang.

**MUSIC 861**  
**Chorus I**  
**Grades 9, 10, 11, 12**  
**College Prep A**  
**0.50 credit**

This introductory vocal ensemble is a course offered to both male and female singers who wish to develop their choral/vocal skills. Students will develop their sight-singing and basic music theory skills through a variety of activities. Required performances include a Christmas Concert, Spring Concert, and a Music Festival.

**Requirements**

Students are placed by the recommendation of the music teacher or the English/Fine Arts Department Chairperson.

**MUSIC 859**  
**Chorus**  
**Grades 10, 11, 12**  
**Honors**  
**0.50 credit**

This advanced vocal ensemble is a course offered to both male and female singers who wish to expand their choral/vocal skills. Students will improve their sight-singing and basic music theory skills through a variety of activities. Students who elect this course will also prepare for the Music Festival trip. Required performances include the Christmas Concert and Spring Concert.

**Requirements**

Successful completion of semester of Chorus I is required. Students are placed by the recommendation of the music teacher or the English/Fine Arts Department Chairperson.

**MUSIC 860**  
**Chorus**  
**Full-year course**  
**Grades 10, 11, 12**  
**Honors**  
**1.00 credit**

This advanced vocal ensemble is a course offered to both male and female singers who wish to expand their choral and solo vocal skills. Students will advance in their sight-singing skills and improve their knowledge of music theory through performance. Students who elect this course will also prepare for the Music Festival trip. Required performances include the Christmas Concert, as well as the Spring Concert.

**Requirements**

Successful completion of Chorus I is required. Students are placed by the recommendation of the music teacher or the English/Fine Arts Department Chairperson.

**MUSIC 869**  
**Select Choir**  
**Grades 10, 11, 12**  
**Honors**  
**0.50 credit**

This group vocal course is designed for the advanced singers who want to further improve their skills. The course focus is primarily the jazz genre but will occasionally include music from the pop and classical repertoire as well. Students will learn how to improve their sight-singing and ensemble singing. Students will be required to perform at the Christmas and Spring Concerts, along with other out of school and in-school performance opportunities. Students who take this course are also eligible and strongly encouraged to audition for the Southeastern Massachusetts Senior District Festival in November.

**Requirements**

Audition and department chairperson’s approval in addition to the successful completion of Chorus I and Honors Chorus II.

**INSTRUMENTAL MUSIC-----**

*Instrumental Ensemble is open to all students who play musical instruments. Other than a few select instruments provided by the school, students must furnish their own instruments. With the program, students may choose to participate fully throughout their four years at Bishop Stang.*

**Please note:** *Additional performances and concerts by the Concert Band, Jazz Band, Pep Band, Rock Band, Strings and other smaller ensembles are a requirement of all Instrumental Ensemble classes (881, 882, 883, 884).*

**MUSIC 881**  
**Instrumental Ensemble I**  
**Grades 9, 10, 11, 12**  
**College Prep A**  
**0.50 credit**

This introductory level course is for students who choose to play in the ensemble at Bishop Stang. This course involves small and large group work leading to required scheduled performances during and after school. After-school, Saturday or evening rehearsals may be required for performance preparation.

**Requirements**

Students are expected to have a basic knowledge of reading music notation and prior playing experience. Students are placed by the recommendation of the music teacher or the English/Fine Arts Department Chairperson. Students are required to audition for ensemble to demonstrate proficiency and/or to meet the ensemble’s instrumental needs.

**MUSIC 880**  
**Instrumental Ensemble**  
**Grades 10, 11, 12**  
**Honors**  
**0.50 credit**

This course is for experienced students who have successfully completed Instrumental Ensemble I and choose to continue playing in the group. This course involves small and large group work leading to required scheduled performances during and after school. After-school, Saturday or evening rehearsals may be required for performance preparation.

**Requirements**

Students are placed by the recommendation of the music teacher or the English/Fine Arts Department Chairperson. Students are required to audition for ensemble to demonstrate proficiency and/or to meet the ensemble’s instrumental needs.

**MUSIC 865**  
**Advanced Musicianship**  
**Semester course**  
**Grades 10, 11, 12**  
**Honors**  
**0.50 credit**

This course is designed for those students who have backgrounds in music. Through further study of music theory and composition, students enhance and refine their own musicality.

**Requirements**

Students must demonstrate an ability to read musical notation and must have the recommendation of the music teacher or the English/Fine Arts Department Chairperson.

**ELECTIVE COURSES IN THE VISUAL ARTS-----**

**ARTS 800**  
**Foundations of Art**  
**Semester Course**  
**Grades 9, 10, 11, 12**  
**College Prep A**  
**0.50 credit**

This introductory course helps students develop fundamental techniques, skills and historical knowledge of the visual arts. This course explores a wide range of media and artistic concepts, while honing critical and creative thinking. Students learn about the artistic process- drafting, planning, refining, critiquing and exhibiting- in a stimulating and supportive atmosphere. By the end of the course students will be able to independently select and apply appropriate media, solve visual problems through trial and error, and analyze both professional and peer-produced works of art. Successful completion of this course fulfills requirements for students who wish to enroll in Honors Art II or Honors Technical design.

**Requirements**

Students are placed by the recommendation of the art teacher or the English/Fine Arts Department Chairperson.

**ARTS 805**  
**Introduction to Photography and Digital Design**  
**Semester course**  
**Grades 10, 11, 12**  
**College Prep A**  
**0.50 credit**

This is an introductory course in photography and digital design. Students will learn how to control the manual settings on their digital cameras: aperture, shutter speed, ISO and focus. They also explore the technology associated with editing, and storing and displaying images. Because this course concentrates on photography as a fine art, students also research photography’s history, progression and influence on our visual culture.

**Please note:** *Students enrolled in Photography must provide their own digital camera with manual control options, a 16GB memory card and photography paper.*

**Requirements**

Students are placed by the recommendation of the art teacher or the English/Fine Arts Department Chairperson.

**ARTS 821**  
**Art II**  
**Full-year course**  
**Grades 10, 11, 12**  
**Honors**  
**1.00 credit**

This course is for students who excelled in Foundations of Art And who wish to develop further their artistic interests. Curriculum emphasizes acquiring new skills in a variety of media, honing a critical approach to the analysis of visual culture, and refining fundamental techniques. This course begins the portfolio preparation process for student-artists and is strongly recommended for students wishing to pursue the study of any visual art after graduation. As this is an honors-level course, students should expect to devote extensive time and effort to challenging projects and homework.

**Requirements**

Students must have successfully completed Foundations of Art and have the recommendation of the art teacher or the English/Fine Arts Department Chairperson.

**ARTS 822**  
**Art III**  
**Full-year course**  
**Grades 11, 12**  
**Honors**  
**1.00 credit**

Art III is for serious art students who excelled in Honors Art II and seek to project their artistic voices through their favorite techniques and media. This is an advanced course that emphasizes personal portfolio refinement and artistic growth through the rigorous analysis of peer and professional work. Students expand core techniques, create their own plans for artistic exploration, and accelerate conceptual thinking skills.

**Requirements**

Students must have successfully completed Art II and have the recommendation of the art teacher or the English/Fine Arts Department Chairperson.

**ARTS 834**  
**AP Studio Art: 2D Design**  
**Full -year Course**  
**Grades 11, 12**  
**Advanced Placement**  
**1.00 Credit**

This course is intended to address two-dimensional (2-D) design issues as students develop a portfolio to submit for AP assessment. Building on the understanding that design involves purposeful decision making about how to use the elements and principles of art in an integrative way, this course provides a continuation of rigorous artistic skills and techniques studied during *Introduction to Photography, Foundations of Art* and/or *Honors Art II*. At the AP level students are expected to make decisions independently about how to organize an image on a picture plane in order to communicate content. Effective design is possible whether one uses representational or abstract approaches to art. Students are expected to demonstrate understanding of 2-D design through **any two-dimensional medium or process**, including, but not limited to, **graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking**. There is no preferred (or unacceptable) style or content, and each student in the course will be able to pursue his or her own conceptual path in the media of his or her choice. Students are expected to submit the required final portfolio of 24 digital images and 5 hardcopy images to the AP College board for assessment in order to receive credit for this course. Because this is an AP course, students must be able to manage their time well, work independently at a highly proficient level and spend a significant amount of time outside the classroom to produce a successful portfolio. **Summer work is required.**

**Requirements**

Students who have successfully completed either *Introduction to Photography and Digital Design* and/or *Honors Art II* with a 90 or higher are eligible for this course with approval from the art teacher and the English / Fine Arts Department Head.

**ARTS 816**  
**Technical Drawing and Design**  
**Full-year course**  
**Grades 10, 11, 12**  
**Honors**  
**1.00 credit**

This full-year course is designed for students who are interested in developing technical drawing/drafting techniques and skills, in addition to learning graphic design. Students will be drawing, drafting, and creating compute-generated images using Gimp, InkScape, Scribus, & Google Sketch-Up. Emphasis is placed on accuracy and neatness of drafting and creative production of conceptual prototypes. In addition, artistic behaviors and techniques will be challenged and refined. Students will learn a variety of life skills applicable to a career in the applied arts.

**Requirements**

Students must have earned a minimum grade average of 85 or higher in all previous College Prep A math courses. Students are placed by the recommendation of the art teacher or the English/ Fine Arts Department Chairperson.

## MATHEMATICS DEPARTMENT

**Guidelines for Parents and Students**

*Bishop Stang High School requires all students to complete four years in mathematics. The incrementally structured math curriculum offered at Bishop Stang advances students through an engaging program that strengthens both mathematical and mathematical reasoning skills. The curriculum is structured such that it requires mastery of the concepts of one course for success in the subsequent courses. The philosophy of this mathematics program is based on the belief that by developing strong reasoning habits and problem-solving skills students will meet the future's technological challenges with great success.*

**MATH 310**  
**Algebra I**  
**Full-year course**  
**Grade 9**  
**College Prep B**  
**1.00 credit**

This course stresses the foundation of algebraic concepts including the use of fractions, decimals, mixed numbers and percentages. The course integrates these skills in the mastery of solving word problems.

**Requirements**

Students are placed by recommendation of the Mathematics/ Business Department Chairperson.

**MATH 311**  
**Algebra I**  
**Full-year course**  
**Grades 9, 10**  
**College Prep A**  
**1.00 credit**

This course stresses signed number operations, integer exponents, scientific notation and systems of two linear equations with two unknowns. Mastery of these skills leads towards polynomial equations, factoring, and radical expressions. Material for future science courses such as chemistry and physics is incorporated through lessons in word problems, data analysis and probability.

**Requirements**

Students are placed by recommendation of the Mathematics/ Business Department Chairperson.

**MATH 312**  
**Algebra I**  
**Full-year course**  
**Grade 9**  
**Honors**  
**1.00 credit**

This is an accelerated course covering topics such as signed numbers, two linear equations with two unknowns and the graphing of these functions. Students are introduced to exponential, polynomial, quadratic, radical, and rational functions. Students must have a strong math background to succeed in this course.

***Requirements***

Students are placed by recommendation of the Mathematics/Business Department Chairperson.

**MATH 325**  
**Geometry**  
**Full-year course**  
**Grade 10**  
**College Prep B**  
**1.00 credit**

This course stresses the foundation of geometric concepts including the formulation of basic proofs and the use of reasoning skills to defend various conjectures. With the understanding of basic geometric rules, students will evaluate the behavior of lines, triangles, and various other polygons.

***Requirements***

Students must have completed College Preparatory B Algebra I or are placed by recommendation of the Mathematics Department Chairperson.

**MATH 326**  
**Geometry**  
**Full-year course**  
**Grades 9, 10**  
**College Prep A**  
**1.00 credit**

This course stresses the geometric concepts extending from the formulation of basic proofs and the use of reasoning skills to defend various conjectures. With the understanding of basic geometric rules, students will evaluate the behavior of lines and polygons, points of similarity, and basic trigonometric problems.

***Requirements***

Students must have completed College Preparatory A Algebra I with an average of 75 or better, or are placed by recommendation of the Mathematics Department Chairperson.

**MATH 327**  
**Geometry**  
**Full-year course**  
**Grade 9, 10**  
**Honors**  
**1.00 credit**

This course is an advanced approach to geometry designed to review the foundational skills of geometry which will then be used to formulate proofs and conjectures. These reasoning skills will then be applied to linear and polygonal geometry and an introduction of trigonometry.

***Requirements***

Students must have completed Honors Algebra 1 with an average of 80 or better, or are placed by

recommendation of the Mathematics Department Chairperson

**MATH 334**  
**Algebra II**  
**Full-year course**  
**Grade 11**  
**College Prep B**  
**1.00 credit**

This course stresses advanced algebraic concepts and their applications. In addition to a foundational review, students will be exposed to linear systems, polynomials, radicals, complex fractions, exponential functions, sequences, series and probability. Students will be asked to evaluate such problems in the context of real-world data and scenarios.

**Requirements**

Students who have successfully completed College Prep B Geometry are placed by recommendation of the Mathematics/ Business Department Chairperson.

**MATH 336**  
**Algebra II**  
**Full-year course**  
**Grades 11, 12**  
**College Prep A**  
**1.00 credit**

This course stresses advanced algebraic concepts as an extension of the coursework completed during Algebra 1 and framed by the addition of coordinate geometry skills practiced in the Geometry class. Topics covered will include polynomial, radical, rational, exponential, and logarithmic functions, as well as, quadratic relationships seen in conic sections. The year will conclude by bridging geometric and algebraic concepts in an introduction to trigonometry.

**Requirements**

Students who have earned a minimum grade of 75 in College Prep A Geometry or have successfully completed a similar summer school program are placed by recommendation of the Mathematics/Business Department Chairperson.

**MATH 337**  
**Algebra II**  
**Full-year course**  
**Grades 10, 11, 12**  
**Honors**  
**1.00 credit**

This course is an accelerated approach advanced algebraic concepts as an extension of the coursework completed during Algebra 1 and framed by the addition of coordinate geometry skills practiced in the Geometry class. Students who select this course will be expected to have a strong understanding of the Algebra 1 and Geometry content. Topics covered will include polynomial, radical, rational, exponential, and logarithmic functions, as well as, quadratic relationships seen in conic sections, sequences and series, and matrices. The year will conclude by bridging geometric and algebraic concepts in an introduction to trigonometry.

**Requirements**

Students who have earned a minimum grade of 80 in Honors Geometry or have successfully completed a similar summer school program are placed by recommendation of the Mathematics/Business Department Chairperson.

**Elective Courses in Mathematics-----**

**MATH 360**  
**Math IV**  
**Full-year course**  
**Grade 12**  
**College Prep B**  
**1.00 credit**

This course is an extension of the College Prep B Algebra II course. In addition to reviewing Algebra Skills necessary for college math, students will study basic Set Theory, logic and the basic principles of probability and statistics

**Requirements**

Students who have successfully completed College Prep B Algebra II are placed by recommendation of the Mathematics/Business Department Chairperson.

**MATH 364**  
**Pre-calculus**  
**Full-year course**  
**Grades 11, 12**  
**College Prep A**  
**1.00 credit**

This class is an extension of the College Prep A Algebra II class whereby students master the understanding of functions, polynomial behavior, exponential functions, and logarithmic functions/models. Students are then exposed to more advanced trigonometric properties and their applications in STEM fields.

**Requirements**

Students who have successfully completed College Prep A Algebra II with an average of 75 or better are placed by recommendation of the Mathematics/Business Department Chairperson

**MATH 363**  
**Pre-calculus**  
**Grades 10, 11, 12**  
**Honors**  
**1.00 credit**

This course is a fast-paced study of advanced algebraic concepts, trigonometry, and their subsequent applications in calculus. Topics covered in the this class include: modeling polynomials, analytic trigonometry, conic sections, parametric equations, sequences and series, limits, and an introduction to derivatives.

**Requirements**

Students who have successfully completed Honors Algebra II with an average of 80 or better are placed by recommendation of the Mathematics/Business Department Chairperson.

**MATH 343**  
**Honors Calculus**  
**Full-year course**  
**Grades 11, 12**  
**Honors**  
**1.00 credit**

This course provides a rigorous introduction to calculus including limits, derivatives, and applications of derivatives, differentials, Riemann Sums, integrals, and applications of integrals. A graphing calculator is required for this course (TI-84 plus is recommended).

**Requirements**

Students must successfully complete Honors Precalculus with a minimum of a 75 average, and have the recommendation of their present teacher. NOTE: This course will only run during years when course enrollment allows such an offering.

**MATH 345**  
**AP Calculus AB**  
**Full-year course**  
**Grades 11, 12**  
**Advanced Placement**  
**1.00 credit**

This course begins with a review of the topics covered in the Intermediate Calculus course. It continues with all the topics listed in the College Board Advanced Placement A/B syllabus. Students are required to take the College Board Advanced Placement Calculus A/B Examination. A graphing calculator is required for this course. (TI-84 plus is recommended)

**Requirements**

Students must maintain an 85 or better average in Honors Pre-calculus, and should have a minimum of a 600 on their mathematics PSAT. Students must also meet the criteria set forth on page 5 of the Program of Studies including the successful completion of a summer work packet.

**MATH 346**  
**AP Calculus BC**  
**Full-year course**  
**Grades 12**  
**Advanced Placement**  
**1.00 credit**

This course completes all the topics provided in the College Board Advanced Placement Calculus BC syllabus and intentionally models a second semester of college calculus. Students are required to take the College Board Advanced Placement Calculus BC Examination. A graphing calculator is required for this course. (TI-84 plus is recommended)

**Requirements**

Students must successfully complete the AP Calculus AB course with an average of 80 or better. Students must also meet the criteria set forth on page 5 of the Program of Studies including the successful completion of a summer work packet.

**MATH 350**  
**Introduction to Statistics**  
**Full-year course**  
**Grade 11, 12**  
**College Prep A**  
**1.00 credit**

This is a non-sequential math course designed for students who intend to enter careers such as education, political science, psychology, business or sociology. The course investigates normal distributions, standard deviation, sampling techniques, analyses of data, and basic probability.

**Requirements**

Students must have successfully completed College Prep A Algebra II with a 75 or better, or Honors Algebra II. This fourth-year math course is an elective open only to juniors and seniors and **will fulfill the four-credit math requirement.**

**MATH 352**  
**AP Statistics**  
**Full-year course**  
**Grade 11, 12**  
**Advanced Placement**  
**1.00 credit**

This is a non-sequential math course designed for students who intend to enter careers such as education, political science, psychology, business, engineering, or sociology. This course completes all the topics provided in the College Board Advanced Placement Statistics syllabus and intentionally models a semester of college statistics. Students are required to take the College Board Advanced Placement Statistics examination. A graphing calculator is required for this course. (TI-84 plus is recommended)

**Requirements**

Students must have completed Honors Pre-calculus with a minimum grade of an 80 OR have completed Honors Algebra 2 with a minimum of an 80 and be presently enrolled in Honors Pre-calculus. In cases where a student has completed Honors Pre-calculus, this course does fulfill the 4-year mathematics requirement.

---

**A Note on Advancement in Mathematics:**

Students who wish to advance a level or a course in Mathematics may apply to do so between each academic year provided they meet the following criteria:

- 1.) The recommendation of their present teacher;
- 2.) A 90 or better average in their present class;
- 3.) The approval of the Mathematics Department Chairperson.

To apply for advancement students should consult with their teacher, guidance counselor, and the department chairperson prior to February 1<sup>st</sup>. The advancement work can be completed with an independent tutor, teacher, or an online course provided by the department chair. Students working with a tutor or teacher will be required to pass a competency test at the end of the summer. Students with an average below a 90 will not be considered for advancement for that academic year, but may reapply in subsequent years.

## **PHYSICAL EDUCATION**

**Guidelines for Parents and Students**

*All Bishop Stang students are required to take physical education as part of their four-year program. All sophomores are required to take Physical Education/Health Program. All freshmen, sophomores and juniors may complete their physical education requirements in one of two ways: participation in either (1) a Physical Education/Activity class or (2) as a member of the cheerleader squad, the weightlifting program or any Bishop Stang interscholastic sports team. Students must select one of these two options at the time they make their other course selections.*

**Special Equipment and Materials**

*No special equipment or materials charges are required for the Health Program or the Class Activity courses. Students, however, must purchase gym uniforms. Sports teams may require deposits on or the purchase of special equipment. Team coaches will provide students with such information at official team sign-ups or try-outs.*

**PHYSICAL EDUCATION 957**  
**Health Program**  
**Semester course**  
**College Prep A**  
**0.50 credit**

The Health Program is required for all sophomores. It covers current health issues such as building self-esteem, nutrition, disease, substance abuse and human sexuality. It also includes the moral aspects of each topic.

**Requirements**

All sophomores are automatically enrolled in this course.

**PHYSICAL EDUCATION 958**  
**Class Activity**  
**Semester course**  
**College Prep A**  
**0.50 credit**

Physical education class is designed to improve cardiovascular endurance, strength, coordination and flexibility through active participation in a variety of class activities. Students are taught the skills necessary to participate fully in each activity.

**Requirements**

This course is open to all freshmen, sophomores, and juniors.

**PHYSICAL EDUCATION 959**  
**Team Sports**  
**Semester Course**  
**College Prep A**  
**0.50 credit**

Participation in a Bishop Stang team sport fulfills the physical education activity requirement, subject to the following restrictions.

**Requirements**

Students must submit applications for this course at the time they make their other course selections. Students must complete the entire season as a bona fide team *player* (team *managers* do not earn credit). Athletes injured during the season may receive credit at the discretion of the team's coach and the Athletic Director, provided that the athlete continues to attend all practices and games. All athletes must have physical exams and MIAA physical examination forms on file with the Athletic Director. The Athletic Director, in dialogue with the team coaches, will issue pass/fail grades at the end of the Fall, Winter and Spring sports seasons. Physical education requirements must be completed by the end of student's junior year. A maximum of 0.50 credit can be earned in any one academic year, regardless of the number of sports students elect to play.

## **SCIENCE DEPARTMENT**

**Guidelines for Parents and Students**

*Biology is a required course. In addition, college-bound students are advised to have chemistry and physics courses on their transcripts.*

**Special Equipment and Materials**

*There are materials charges for all science courses.*

**REQUIRED COURSE FOR FRESHMEN-----**

**SCIENCE 101**  
**Biology w/ Lab**  
**Full-year course**  
**Grade 9**  
**College Prep B**  
**1.00 credit**

This course provides an initial understanding of the major fields of biology. Beginning with the scientific method, the course moves on to include cell structure and function and the chemical and biochemical reactions necessary for cell life. An introduction to genetics and human physiology are also covered. Regular laboratory sessions are held in conjunction with current class topics.

***Requirements***

Students are placed by recommendation of the Science Department Chairperson.

**SCIENCE 102**  
**Biology w/ Lab**  
**Full-year course**  
**Grade 9**  
**College Prep A**  
**1.00 credit**

This course emphasizes some of the major concepts of modern biology. Beginning with the scientific method, the course moves on to include cell structure and function and the chemical and biochemical reactions necessary for cell life. Replication and variation of organisms as a result of genetic interaction are covered for plants and animals. Regular laboratory sessions are held in conjunction with current class topics.

***Requirements***

Students are placed by recommendation of the Science Department Chairperson.

**SCIENCE 103**  
**Biology w/ Lab**  
**Full-year course**  
**Grade 9**  
**Honors**  
**1.00 credit**

This course provides a thorough presentation into the field of modern biology with primary concentration on cells, biochemistry, genetics, the human organism, ecology and interactions of organisms with their environment. The course clarifies, unifies and broadens new biological concepts within the framework of scientific inquiry and laboratory investigation. This course is recommended for the student who is interested in a concentrated approach toward science.

***Requirements***

Students are placed by recommendation of the Science Department Chairperson.

## ELECTIVE COURSES IN SCIENCE-----

**SCIENCE 112**  
**Chemistry w/ Lab**  
**Full year course offered even-numbered years**  
**Grades 11, 12**  
**College Prep B**  
**1.00 credit**

This course is more demanding than most College Prep B courses and is designed for the serious student who truly needs chemistry for the future. The course provides an initial understanding of the major fields of chemistry. Topics include the mole, atomic theory, the periodic table and chemical bonding. Regular laboratory sessions accompany class topics. Laboratory investigations supplement class discussion.

### **Requirements**

This course is open to juniors and seniors who have successfully completed College Prep B Biology and are recommended by their science and math teachers. College Prep A math students who do not qualify for College Prep A Chemistry may take College Prep B Chemistry with the recommendation of the Science Department Chairperson.

**SCIENCE 113**  
**Chemistry w/ Lab**  
**Full-year course**  
**Grades 10, 11, 12**  
**College Prep A**  
**1.00 credit**

This course is designed to give an introduction to basic chemical principles to students who are interested in science. Topics included in this course are concepts of the mole, atomic theory, the periodic table, the metric system, solutions, ionization and chemical bonding. Much of the course is math based. Class discussion is supplemented by laboratory investigations.

### **Requirements**

Students must have successfully completed College Prep A Biology and College Prep A Geometry (or be concurrently enrolled in that math course) and be recommended by their math and science teachers.

**SCIENCE 114**  
**Chemistry w/ Lab**  
**Full-year course**  
**Grades 10, 11, 12**  
**Honors**  
**1.00 credit**

This is an accelerated course covering all topics of College Prep A Chemistry with an emphasis on the molecular interactions and the introduction of energy concepts. Class discussion is supplemented by laboratory investigations. Inquiry-based laboratory activities are part of the curriculum for this course. This course is recommended for students considering a career in math or science.

### **Requirements**

Students must have successfully completed Honors Biology and Honors Geometry (or be concurrently enrolled in that math course) and be recommended by both their math and biology teachers.

**SCIENCE 136**  
**Marine Biology w/ Lab**  
**Offered odd-numbered years**  
**Grades 10, 11, 12**  
**Full-year course**  
**College Prep B**  
**1.00 credit**

This course is a survey of the living and physical aspects of a marine environment. The significance of the ocean to the planet and humans will be examined through an in-depth study of the diversity of marine life. Dissection of marine organisms is an integral part of the course. Physical aspects of the ocean are examined.

***Requirements***

Students must have successfully completed College Prep B Biology and be recommended by their science teacher.

**SCIENCE 132**  
**Environmental Science w/ Lab**  
**Offered Even-Numbered Years**  
**Full-year course**  
**Grades 10, 11, 12**  
**College Prep B**  
**1.00 credit**

Environmental science is the study of the interrelationships of the natural world. This course provides students with an initial understanding of the major fields of environmental science. Topics such as biodiversity, population ecology, Earth's resources, global climate change, sustainability, and energy will be introduced. This course incorporates extensive laboratory work and "hands-on" activities.

***Requirements***

Students must have successfully completed College Prep B Biology and be recommended by their science teacher.

**SCIENCE 133**  
**Environmental Science w/ Lab**  
**Full-year course**  
**Grades 10, 11, 12**  
**College Preparatory A**  
**1.00 credit**

Environmental science is the study of the interrelationships of the natural world. In this course students will study topics such as: biodiversity, population ecology, Earth's resources, global climate change, and sustainability energy and energy alternatives. This course incorporates extensive laboratory work, "hands-on" activities, and culminates with the completion of a school garden.

***Requirements***

Students must have successfully completed College Prep A Biology and be recommended by their science teacher.

**SCIENCE 137**  
**Environmental Science w/ Lab**  
**Grades 11, 12**  
**Honors**  
**1.00 credit**

This accelerated course examines the interrelationships of the natural world. Students will take an in depth look at topics including biodiversity, population ecology, Earth's resources, environmental studies, global climate change, sustainability, and energy and energy alternatives through case studies, research, lab work and "hands on" activities.

**Requirements:** Students must have successfully completed Honors Biology and Honors Chemistry and be recommended by their science teacher.

**SCIENCE 111**  
**Anatomy & Physiology w/ Lab**  
**Full-year course**  
**Grades 11, 12**  
**College Prep A**  
**1.00 credit**

This course provides an insight into the structure and function of the human body. Class discussion is supplemented by laboratory investigations, including mandatory participation in dissections. This course is recommended for students interested in health and medical fields.

***Requirements***

Students must have successfully completed College Prep A Biology and be recommended by their science teacher.

**SCIENCE 116**  
**Anatomy & Physiology w/ Lab**  
**Full year course**  
**Grades 11, 12**  
**Honors**  
**1.00 credit**

This course deals with the structure and function of the human body. It includes the biochemistry of muscles and nerves. Topics covered are similar to College Prep A Physiology, but a more in-depth approach is taken. Laboratory investigations, including mandatory participation in dissections, follow class discussions. Inquiry-based laboratory activities are part of the curriculum for this course. This course is recommended for students interested in health and medical fields.

***Requirements***

Students must have successfully completed Honors Biology and College Prep A or Honors Chemistry and be recommended by their science teacher.

**SCIENCE 118**  
**Biochemistry w/ Lab**  
**Full-year course**  
**Grade 11, 12**  
**College Prep A**  
**1.00 credit**

This course is designed for students who are planning a career in the biological sciences or medical fields. It will introduce students to the chemistry of living organisms. Topics will include the synthesis and metabolism of proteins, lipids, carbohydrates, beginning organic chemistry, chemistry of water and nucleic acids as well as the diseases caused by defects in metabolism. Also included in this course will be a look into molecular biology and virology. Laboratory investigations will accompany lectures.

***Requirements***

Students must have successfully completed College Prep A Biology and College Prep A Chemistry and be recommended by their science teacher.

**SCIENCE 119**  
**Biochemistry w/ Lab**  
**Full-year course**  
**Grades 11, 12**  
**Honors**  
**1.00 credit**

This accelerated course is designed for students who are planning a career in the biological sciences or medical fields. It covers the same material as College Prep A Biochemistry, but provides a more in-depth look at various topics such as organic chemistry, chemistry of water and chemistry of biological systems. Laboratory investigations accompany lectures. Inquiry-based laboratory activities are part of the curriculum for this course.

***Requirements***

Students must have successfully completed Honors Biology and Honors Chemistry and be recommended by their science teacher.

**SCIENCE 110**  
**(AP) Biology w/ Lab**  
**Full-year course**  
**Grades 11, 12**  
**Advanced Placement**  
**1.00 credit**

This rigorous and challenging course is designed to be the equivalent of a college introductory biology course. Class discussion is supplemented by research, laboratory investigation and independent study. Students are required to take the College Board Advanced Placement Biology Examination. Inquiry-based laboratory activities are part of the curriculum for this course.

***Requirements***

Students must have successfully completed Honors Biology and Honors Chemistry, must have a cumulative average of 90 or better in science courses already completed and an average of 90 or better in the science course they are currently taking. They must meet the criteria set forth on page 5 of the Program of Studies including the successful completion of a summer work packet. In addition, they must obtain the recommendation of their present science teacher.

**SCIENCE 115**  
**(AP) Chemistry w/ Lab**  
**Full-year course**  
**Grades 11, 12**  
**Advanced Placement**  
**1.00 credit**

This course provides a concentrated approach to all aspects of inorganic chemistry. Class discussion is supplemented by research, extensive inquiry based laboratory investigations and independent study. Students are required to take the College Board Advanced Placement Chemistry Examination.

***Requirements***

Students must have successfully completed Honors Chemistry and be concurrently enrolled in Honors Algebra II or higher. They must have a cumulative average of 90 or better in science courses already completed and an average of 90 or better in the science course they are currently taking. They must have achieved a PSAT score or an SAT score of 600 in math and they must meet the criteria set forth on Page 5 of the Program of Studies including the successful completion of a summer work packet. In addition, they must obtain the recommendations of both their math and chemistry teachers.

**SCIENCE 108**  
**Physics w/ Lab**  
**Full-year course**  
**Grade 12**  
**College Prep A**  
**1.00 credit**

This course will introduce students to the basic principles of physics. Topics covered include kinematics, dynamics, vectors, circular motion, universal gravitation, work, energy, momentum, waves, sound, light, electrostatics, and magnetism. Class discussion is supplemented by problem solving and laboratory investigation.

**Requirements**

Students must have completed College Prep A Chemistry and College Prep A Algebra II, with a grade of 80 or better, and be concurrently enrolled in College Prep A Pre-calculus or higher (enrollment in CPA Statistics does not meet this requirement) and be recommended by both their math and chemistry teachers.

**SCIENCE 109**  
**Physics w/ Lab**  
**Full-year course**  
**Grade 11, 12**  
**Honors**  
**1.00 credit**

This is an accelerated course covering Newtonian mechanics, vibrations and waves, sound, light, electricity, magnetism, and atomic and nuclear physics. Class discussion is supplemented by problem solving and laboratory investigation. This is a heavily problem-oriented course which requires a solid mathematical base. Inquiry-based laboratory activities are part of the curriculum for this course.

**Requirements**

Students must have completed Honors Chemistry, with a grade of 80 or better, and be enrolled in Honors Pre-calculus or higher and be recommended by both their math and chemistry teachers.

**SCIENCE 122**  
**(AP) Physics I w/ Lab**  
**Full-year course**  
**Grades 11, 12**  
**Advanced Placement**  
**1.00 credit**

This course is the equivalent of a first-semester college course in algebra-based physics, but it is designed to be taught over a full academic year to enable AP students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs. Topics covered include Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; mechanical waves and sound. It also introduces electric circuits. Class discussion is supplemented by problem solving, research work, and laboratory investigation. The course is designed to prepare students to take the advanced placement exam. Students are required to take the College Board Advanced Placement Physics I examination.

**Requirements**

Students must have successfully completed Honors Algebra II or higher, and be concurrently enrolled in either Honors Pre-calculus or Advanced Placement Calculus. They must have completed Honors Chemistry with a grade of 90 or better, must have a cumulative average of 90 or better in science courses already completed, and an average of 90 or better in the science course they are currently taking. They must have achieved a PSAT score or an SAT score of 600 in math. Students must also meet the criteria set forth on page 5 of the Program of Studies including the successful completion of a summer work packet. In addition, they must obtain the recommendations of both their math and science teachers.

**SCIENCE 123**  
**(AP) Physics II w/ Lab**  
**Full-year course**  
**Grade 12**  
**Advanced Placement**  
**1.00 credit**

This course is the equivalent of a second-semester college course in algebra-based physics, but it is designed to be taught over a full academic year to enable AP students to develop deep understanding of the content and to focus on applying their knowledge through inquiry labs. Topics covered include principles of fluids, thermodynamics, electricity, magnetism, optics, and topics in modern physics. Class discussion is supplemented by problem solving, research work, and laboratory investigation. The course is designed to prepare students to take the advanced placement exam. Students are required to take the College Board Advanced Placement Physics II examination.

**Requirements**

Students must have successfully completed Honors Pre-calculus, and be concurrently enrolled in Advanced Placement Calculus. They must have successfully completed AP Physics I. They must have achieved a PSAT score or an SAT score of 600 in math. Students must also meet the criteria set forth on page 5 of the Program of Studies including the successful completion of a summer work packet. In addition, they must obtain the recommendations of both their math and science teachers.

**SCIENCE 509**  
**Biology, Cosmology, and the Meaning of Life**  
**Semester course**  
**Honors**  
**0.50 credit**

This course provides an in-depth investigation into the relationship between our Catholic faith and the natural sciences. It will help students to understand that faith and reason are not at odds with each other. This course will discuss the topics such as creation, evolution, original sin, environmental science, and the possibility of extra-terrestrial life.

**Requirements**

This course is open to Juniors and Seniors at the recommendation of the Theology and Science chairpersons.

**SOCIAL STUDIES DEPARTMENT**

**Guidelines for Parents and Students**

*All students must successfully complete three credits in social studies. All freshmen are enrolled in World History. All sophomores are enrolled in U.S. History I. All juniors are enrolled in U.S. History II.*

**REQUIRED COURSE FOR FRESHMEN**

**SOCIAL STUDIES 401**  
**World History**  
**Full-year Course**  
**College Prep B**  
**1.00 credit**

The purpose of World History is to build student's knowledge of past events and how they relate to the modern world. The course of study will focus on the major historical eras of Renaissance and Reformation, Colonialism, Absolutism, Enlightenment and revolution, Industrialization, and 19<sup>th</sup> century global patterns. Students will think

critically and apply classroom knowledge through completing quarter projects. Research skills, analysis of primary and secondary sources, use of graphic organizers and technology integration will be an essential component of the course. Student study and organizational skills will be reinforced throughout the year.

**SOCIAL STUDIES 402**

**World History**

**Full-year Course**

**College Prep A**

**1.00 credit**

The purpose of World History is to build student’s understanding of the events that have shaped our modern world. The course of study will focus on the major historical eras of Renaissance, Reformation, Colonialism, Absolutism, Enlightenment and revolution, Industrialization, and 19<sup>th</sup> century global patterns. Students will be encouraged to recognize patterns in history and their influence on the world today. Students will think critically and apply classroom knowledge through completing quarter projects. Research skills, analysis of primary and secondary sources, and technology integration will be an essential component of the course. Student study and organizational skills will be reinforced throughout the year.

**Requirements**

Students are placed by recommendation of the Social Studies Department Chairperson.

**SOCIAL STUDIES 403**

**World History**

**Full-year Course**

**Honors**

**1.00 credit**

The purpose of World History is to develop a student’s understanding of the events of history and how they impact the modern world. The course of study will focus on the major historical eras of Renaissance and Reformation, colonialism, absolutism and constitutionalism, Enlightenment and the age of revolutions, industrialization and 19<sup>th</sup> century global patterns. Students will think critically and apply classroom knowledge through completing quarter projects. Research skills, analysis of primary and secondary sources, and technology integration will be an essential component of the course. In addition to the text, further reading will be assigned.

**Requirements**

Students are placed by recommendation of the Social Studies Department Chairperson.

**REQUIRED COURSE FOR SOPHOMORES-----**

**SOCIAL STUDIES 421**

**U.S. History I**

**Full-year course**

**College Prep B**

**1.00 credit**

This course will utilize basic learning skills such as reading, note taking and reinforcement of memory skills in providing an understanding of American history beginning with the American Revolution and concluding with the Progressive Era. The fundamentals of American government will be discussed and a continuous linkage with current significant events will be maintained.

**Requirements**

Students are placed by recommendation of their social studies teacher or Social Studies Department Chairperson.

**SOCIAL STUDIES 422**  
**U.S. History I**  
**Full-year course**  
**College Prep A**  
**1.00 credit**

This course provides an understanding of American history with emphasis on developing analytical skills. This course will begin with the American Revolution and will conclude with the Progressive Era. The understanding of the emergence of the United States as a major political and economic power will be accomplished by using the theme of cause and effect. Emphasis will also be placed on the structure and interaction of American government and the political process. A continuous linkage with current significant events will be maintained. Through completion of quarterly projects, students will be exposed to research in order to further enhance learning and 21<sup>st</sup> Century skills.

***Requirements***

Students are placed by recommendation of their social studies teacher or Social Studies Department Chairperson.

**SOCIAL STUDIES 423**  
**U.S. History I**  
**Full-year course**  
**Honors**  
**1.00 credit**

This is an accelerated course which deals with the "why" of American history. Readings from both primary and secondary sources will be included. This course will begin with a unit on the American Revolution and concludes with examination of the Progressive Era. Emphasis will be placed on analysis of the structure and interaction of American government and the political process. A continuous linkage with current significant political,

economic and social events will be maintained. Students will be actively involved in discussion, presentation, cooperative learning and research in order to further enhance critical thinking, analysis, and decision-making skills. Content knowledge will be reinforced through quarterly projects.

***Requirements***

Students are placed by recommendation of their social studies teacher or Social Studies Department Chairperson.

**REQUIRED COURSE FOR JUNIORS**

**SOCIAL STUDIES 435**  
**U.S. History II**  
**Full-year course**  
**College Prep B**  
**1.00 credit**

This course will utilize basic learning skills such as reading, note taking and reinforcement of memory skills in providing an understanding of American history beginning with World War I through to the post-Cold War world. Students will learn how the American government evolved with each historical period. Students will discover how current events stemmed from past experiences.

***Requirements***

Students are placed by recommendation of their social studies teacher or Social Studies Department Chairperson.

**SOCIAL STUDIES 436****U.S. History II****Full-year course****College Prep A****1.00 credit**

This course provides an understanding of American history with emphasis on developing analytical skills. This course will begin with World War I and will conclude with American growth and development after the Cold War. The understanding of the emergence of the United States as a major political and economic power will be accomplished by using the theme of cause and effect. Emphasis will also be placed on the structure and interaction of American government and the political process. A continuous linkage with current significant events will be maintained. Through completion of quarterly projects, students will be exposed to research in order to further enhance learning and 21<sup>st</sup> Century skills.

**Requirements**

Students are placed by recommendation of their social studies teacher or Social Studies Department Chairperson.

**SOCIAL STUDIES 437****U.S. History II****Full-year course****Honors****1.00 credit**

This is an accelerated course which deals with the "why" of American history. Readings from both primary and secondary sources will be included. This course will begin with a unit on World War I and concludes with examination of the post-Cold War world. Emphasis will be placed on analysis of the structure and interaction of American government and the political process. A continuous linkage with current significant political, economic and social events will be maintained. Students will be actively involved in discussion, presentation, cooperative learning and research in order to further enhance critical thinking, analysis, and decision making skills. Content knowledge will be reinforced through quarterly projects.

**Requirements**

Students are placed by recommendation of their social studies teacher or Social Studies Department Chairperson.

**ELECTIVE COURSE FOR JUNIORS****SOCIAL STUDIES 438****(AP) United States History****Full-year course****Grade 11****Advanced Placement****1.00 credit**

This course is designed to give students a better understanding of political, social, intellectual, economic and historical developments which have shaped the course of events of American History. Periods of history which are covered include pre-Columbian America to a more detailed linear study of significant historical periods concluding with the contemporary world. Students have regularly scheduled examinations and essays. Students are required to take the College Board Advanced Placement United States History Exam. Juniors placed in this course satisfy the U.S. History II credit requirement.

**Requirements**

Students must meet the criteria set forth on page 5 of the Program of Studies.

**ELECTIVE COURSES FOR JUNIORS AND SENIORS-----**

**SOCIAL STUDIES 420**  
**Contemporary Issues**  
**Full-year course Grades 11, 12**  
**College Prep A**  
**1.00 credit**

This course will investigate and discuss social, political, and economic issues of the present day. Special attention will be given to pressing news issues that affect the world and touch students' lives. Throughout the course students will complete research projects utilizing differentiated mediums. Students will utilize web based news sources and databases to evaluate and analyze state, regional, and national news events.

***Requirements***

Students are placed by recommendation of the previous social studies teacher or Social Studies Department Chairperson.

**SOCIAL STUDIES 413**  
**Psychology**  
**Full-year course**  
**Grades 11, 12**  
**College Prep A**  
**1.00 credit**

This course is a general introduction to the major areas of psychology. Students in this course will not only learn the principles, concepts, and theories that constitute the core study of psychology, but will also be given the knowledge to better understand themselves, their lives and their behaviors. Students who take this course are not eligible for Advanced Placement Psychology.

***Requirements***

Students are placed by recommendation of the previous social studies teacher or Social Studies Department Chairperson.

**SOCIAL STUDIES 414**  
**Psychology**  
**Full-year course**  
**Grades 11, 12**  
**Honors**  
**1.00 credit**

This course serves as a general introduction to the major areas of psychology and will discuss the history of psychology. Students in this course will not only learn the principles, concepts, and theories that constitute the core study of psychology such as perception, sensation, consciousness, and classical conditioning, but will be given the knowledge to better understand themselves, their lives and their behaviors. This course is an in-depth and accelerated course requiring additional readings and research projects as well as case studies. This course is recommended for students pursuing future study in the field of psychology. Students who take this course are not eligible for Advanced Placement Psychology.

***Requirements***

Students are placed by recommendation of the previous social studies teacher or Social Studies Department Chairperson.

**SOCIAL STUDIES 412**  
**(AP) Psychology**  
**Full-year course**  
**Grades 11, 12**  
**Advanced Placement**  
**1.00 credit**

This course will explore the psychological facts, principles, and phenomena associated with each of the major subfields of psychology. The course is broken into 14 units which reflect the major areas of psychology. This course is taught at the college level. Students are required to take the College Board Advanced Placement Psychology Examination.

***Requirements***

Students must meet the criteria set forth on page 5 of the Program of Studies.

**SOCIAL STUDIES 408**  
**Sociology**  
**Full-year course**  
**Grades 11, 12**  
**College Prep A**  
**1.00 credit**

This introductory course explores the areas of culture, socialization, the structure of groups and societies, adolescent issues, deviance and social control, social stratification, and racial and ethnic relations. Special attention will be given to understanding other cultures using the sociological perspective. Curricular concepts will be discussed in relation to current world events. Students will be involved in a variety of assessments including research, video and oral presentations, and group projects.

***Requirements***

Students are placed by recommendation of the previous social studies teacher or Social Studies Department Chairperson.

**SOCIAL STUDIES 409**  
**Sociology**  
**Full-year course**  
**Grades 11, 12**  
**Honors**  
**1.00 credit**

This is an accelerated, in-depth course covering topics involving human relationships in societies. Special emphasis will be given to cultural understanding using the sociological perspective, socialization, American social problems, and adolescent issues. Other topics include American institutions, minorities, social stratification, inequality, and deviance and social control. Curricular concepts will be discussed in relation to current world events. Students will be involved in a variety of assessments including research, video and oral presentations, and group projects.

***Requirements***

Students are placed by recommendation of the previous social studies teacher or Social Studies Department Chairperson.

**SOCIAL STUDIES 411**  
**(AP) European History**  
**Full-year course**  
**Grades 11, 12**  
**Advanced Placement**  
**1.00 credit**

This course is designed to give students a better understanding of political, social, intellectual, economic and historical developments which have shaped the course of events of modern European history and have related to the development of western civilization. Those periods of history covered in more detail include the Renaissance and Reformation, Age of Kings, Age of Discovery, 18th and 19th Century revolutions, 20th Century, the world at war, the Cold War, and Europe in the 21<sup>st</sup> Century. Students have regularly scheduled examinations and essays. Students are required to take the College Board Advanced Placement Modern European History Examination.

**Requirements**

Students must meet the criteria set forth on page 5 of the Program of Studies.

## **THEOLOGY DEPARTMENT**

**Guidelines for Parents and Students**

*It is the goal of the four-year Theology Program to help students develop a personal relationship with Christ, a desire to emulate Christ, and an appreciation of the Catholic response to Christ. In order to accomplish that goal, the following program of study is required.*

**REQUIRED COURSE FOR FRESHMEN-----**

**THEOLOGY 502**  
**Theology I**  
**Full-year course**  
**College Prep A**  
**1.00 credit**

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ, the second Person of the Blessed Trinity. They will come to understand that Jesus Christ is the ultimate Revelation to us from God and in learning about who He is, the students will learn who He calls them to be.

**Requirements**

All freshmen are required to enroll in this course.

**REQUIRED COURSE FOR SOPHOMORES-----**

**THEOLOGY 504**  
**Theology II**  
**Full-year**  
**College Prep A**  
**1.00 credit**

The purpose of this course is to help students understand all that God has done for us through his Son, Jesus Christ. Through this course of study, students will learn that for all of eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. This course will also help the students understand that in and through the Church they encounter the same living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today.

**Requirements**

All sophomores are required to enroll in this course.

**REQUIRED COURSE FOR JUNIORS-----**

**THEOLOGY 505**  
**Theology III**  
**Full-year course**  
**College Prep A**  
**1.00 credit**

The purpose of this course is to help students understand that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. This course will also help students to understand that it is only through Christ that they can fully live out God’s plans for their lives. Students are to learn the moral concepts and precepts that govern the lives of Christ’s disciples.

**Requirements**

All juniors are required to enroll in this course.

**REQUIRED COURSE FOR SENIORS-----**

**THEOLOGY 507**  
**Theology IV**  
**Full-year course**  
**College Prep**  
**1.0 credit**

This course will begin by investigating the sanctity of all human life from conception to natural death. Focusing on this fundamental principle, students will be introduced to the Church’s Catholic Social Teaching and the responsibility that all Christians have toward one another. After exploring Catholic Social Teaching, students will focus on how the dignity of all human life is the basis for the Church’s teaching on difficult bioethical issues. Next, through a study of Pope Saint John Paul II’s *Theology of the Body*, students will be encouraged to apply their faith to their future decisions by discerning God’s specific plan for their lives. Finally, students will explore how the Catholic Church relates to non-Catholic Christians as well as to other religions of the world.

**Requirements**

All seniors are required to enroll in this course.

**THEOLOGY 509**  
**Biology, Cosmology, and the Meaning of Life**  
**Semester course**  
**Honors**  
**0.50 credit**

This course provides an in-depth investigation into the relationship between our Catholic faith and the natural sciences. It will help students to understand that faith and reason are not at odds with each other. This course will discuss the topics such as creation, evolution, original sin, environmental science, and the possibility of extra-terrestrial life.

**Requirements**

This course is open to Juniors and Seniors at the recommendation of the Theology and Science chairpersons.

## WORLD LANGUAGE DEPARTMENT

### ***Guidelines for Parents and Students***

*All students must complete two years of a world language as part of their four-year program at Bishop Stang. College-bound students are strongly encouraged to consider enrolling in a third and/or a fourth year of world language study.*

**FRENCH 209**  
**French IV**  
**Full-year course**  
**Grades 11, 12**  
**Honors**  
**1.00 credit**

This course continues the development of conversational skills through practical vocabulary, enabling communication in diverse situations. The study of grammar continues through readings, projects and discussions. Students develop an appreciation of Francophone countries, their people and the language. The study of French film further enhances the appreciation of French culture.

### **Requirements**

Successful completion of Honors French III, or completion of CPA French III with an average of 90.

**LATIN 241**  
**Latin I**  
**Full-year course**  
**Grades 9, 10, 11, 12**  
**College Prep A**  
**1.00 credit**

This course is a basic introduction to Latin. It provides students with those skills they would acquire in the study of any other world language. Students concentrate on Latin syntax, grammar and vocabulary with emphasis on English derivatives. Latin I CPA students are expected to translate adapted passages. Roman culture and civilization are also studied.

### **Requirements**

Students are placed by recommendation of the World Language Department Chairperson.

**LATIN 242**  
**Latin I**  
**Full-year course**  
**Grades 9, 10, 11, 12**  
**Honors**  
**1.00 credit**

This course is a basic introduction to Latin at an accelerated pace. It provides students with those skills they would acquire in the study of any other world language. Students concentrate on Latin syntax, grammar and vocabulary with emphasis on English derivatives. Latin I Honors students are expected to translate adapted passages. Roman culture and civilization are also studied.

### **Requirements**

Students are placed by recommendation of the World Language Department Chairperson.

**LATIN 243**  
**Latin II**  
**Full-year course**  
**Grades 9, 10, 11, 12**  
**College Prep A**  
**1.00 credit**

In second-year Latin, students will continue their study of Latin grammar, covering more complex matters such as degrees of adjectives and adverbs, infinitive, and indirect statement. Students will be expected to translate more complex adapted passages. Students will also continue to study Roman history and culture.

**Requirements**

Students are placed by recommendation of their Latin I teacher or the World Language Department Chairperson, based on academic performance, motivation, and work ethic.

**LATIN 244**  
**Latin II**  
**Full-year course**  
**Grades 9, 10, 11, 12**  
**Honors**  
**1.00 credit**

In second-year Latin, students will complete their study of Latin grammar, covering more complex matters such as participial and gerund phrases, the ablative absolute, and the subjunctive. Passages will come primarily from Julius Caesar's *de Bello Gallico*. Students will also continue to study Roman history and culture.

**Requirements**

Students are placed by recommendation of their Latin I teacher or the World Language Department Chairperson, based on academic performance, motivation, and work ethic.

**LATIN 246**  
**Latin III**  
**Full-year course**  
**Grades 10, 11, 12**  
**Honors**  
**1.0 credit**

This course is designed to build upon students' foundational understanding of grammar and syntax as they translate and analyze authentic Latin texts. Students will continue to review and strengthen their grasp of Latin grammar and vocabulary. The students will also explore the literature in its historical, cultural and literary context. Selections may be taken from Vergil, Horace, Cicero, Caesar, Ovid and Catullus.

**Requirements**

Students are placed by recommendation of their Latin II teacher, based on academic performance, motivation, and work ethic.

**LATIN 248**  
**Latin IV**  
**Full-year course**  
**Grades 10, 11, 12**  
**Honors**  
**1.00 credit**

This course focuses on reading authentic Latin texts with concentration on lyric and epic poetry, and Roman comedy. Selections from the works of Vergil, Horace, Martial, Ovid, Catullus, and Plautus will be considered in their literary and cultural context. Emphasis is placed on literary appreciation and interpretation.

**Requirements**

Students are placed by recommendation of their Latin III teacher, based on academic performance, motivation, and work ethic.

**PORTUGUESE 231**  
Portuguese I  
Full-year course  
Grades 9, 10, 11, 12  
College Prep A  
1.00 credit

This course is designed to introduce students to Portuguese culture and language, with emphasis on the four skills: listening, speaking, reading and writing. Grammatical concepts and the study of Portuguese culture are introduced.

**Requirements**

Students are placed by recommendation of the World Language Department Chairperson

**PORTUGUESE 232**  
Portuguese I  
Full-year course  
Grades 9, 10, 11, 12  
Honors  
1.00 credit

This course is designed to introduce students to the Portuguese language at an accelerated pace. Focus is on the four skills: listening, speaking, reading and writing. Reading and oral proficiency will be strongly emphasized.

**Requirements**

Students are placed by recommendation of the World Language Department Chairperson.

**PORTUGUESE 235**  
Portuguese II  
Full-year course  
Grades 9, 10, 11, 12  
College Prep A  
1.00 credit

This course continues the development of the four language skills. The study of grammar is enhanced, and vocabulary is expanded through emphasis on comprehension and conversation. Portuguese culture is studied through selected readings and videos.

**Requirements**

Students are placed by recommendation of their Portuguese I teacher.

**PORTUGUESE 236**  
Portuguese II  
Full-year course  
Grades 9, 10, 11, 12  
Honors  
1.00 credit

This course continues the development of the four language skills with a view to self-expression in the language. The study of grammar continues, and reading and writing are expanded through supplementary readings and directed compositions. Portuguese culture is explored through various media and independent research.

**Requirements** Students are placed by recommendation of their Portuguese I teacher.

## **PORTUGUESE 234**

**Portuguese III**  
**Full-year course**  
**Grades 10, 11, 12**  
**College Prep A**  
**1.00 credit**

This course is designed to continue the development of the four language skills thereby preparing students for college level language study. Vocabulary and conversational skills are enhanced through readings and discussions. Writing skills are augmented through directed compositions. The study of grammatical structures continues with a view toward facility in verb usage and specific structures.

### ***Requirements***

Students are placed by recommendation of their Portuguese II teacher, based on academic performance, motivation, and work ethic.

**PORTUGUESE 237**  
**Portuguese III**  
**Full-year course**  
**Grades 10, 11, 12**  
**Honors**  
**1.00 credit**

The objectives of this course are increased proficiency in the four skills of language and further preparation for college-level study. Writing skills are expanded through directed composition. Vocabulary and grammatical concepts are developed with emphasis on increased skills in conversation and comprehension.

### ***Requirements***

Students are placed by recommendation of their Portuguese II teacher, based on academic performance, motivation, and work ethic.

**PORTUGUESE 238**  
**Portuguese IV**  
**Full-year course**  
**Grades 11, 12**  
**Honors**  
**1.00 credit**

This course continues the development of conversational skills. Selected readings are followed by discussions in Portuguese. Creative projects and presentations are designed to link the four language skills. The study of the culture and civilization of Portuguese-speaking countries is continued. Research papers dealing with particular facets of Portuguese history, literature and society are required. The study of grammar and vocabulary continues.

### ***Requirements***

Students must have successfully completed College Prep A Portuguese III (with a grade of 90 or higher) or Honors Portuguese III with an average of 85 or higher. All students must be recommended by their 3<sup>rd</sup> year Portuguese teacher. Recommendation is based on academic performance, motivation, and work ethic.

**SPANISH 221**  
**Spanish I**  
**Full-year course**  
**Grades 10, 11, 12**  
**College Prep B**  
**1.00 credit**

This course is designed to introduce students to Spanish culture and language, with emphasis and reinforcement of the four basic skills: listening, speaking, reading and writing. A limited number of grammatical concepts is introduced with emphasis on basic skills.

**Requirements**

Students are placed by recommendation of the World Language Department Chairperson.

**SPANISH 222**  
Spanish I  
Full-year course  
Grades 9, 10, 11, 12  
College Prep A  
1.00 credit

This course is designed as an introduction to the Spanish language with emphasis on four skills: listening, oral proficiency, reading and writing. Grammatical concepts and the study of Spanish culture are introduced.

**Requirements**

Students are placed by recommendation of the World Language Department Chairperson.

**SPANISH 223**  
Spanish I  
Full-year course  
Honors  
Grades 9, 10, 11, 12  
1.00 credit

This course is designed to introduce students to the language at an accelerated pace. Focus is on four skills: listening, speaking, reading and writing. Reading and oral proficiency are strongly emphasized.

**Requirements**

Students are placed by recommendation of the World Language Department Chairperson.

**SPANISH 224**  
Spanish II  
Full-year course  
Grades 10, 11, 12  
College Prep B  
1.00 credit

This course is designed for students who have completed College Prep B Spanish I. Vocabulary is expanded with emphasis on comprehension and speaking. The study of Spanish culture is integrated in the program.

**Requirements**

Students are placed by recommendation of their Spanish I teacher, based on academic performance, motivation, and work ethic.

**SPANISH 225**  
Spanish II  
Full-year course  
Grades 10, 11, 12  
College Prep A  
1.00 credit

This course continues the development of the four language skills. The study of grammar is strengthened and vocabulary is expanded through emphasis on conversation and comprehension. Hispanic/Spanish culture is studied through selected readings, films and multi-media resources.

**Requirements**

Students are placed by recommendation of their Spanish I teacher, based on academic performance, motivation, and work ethic.

**SPANISH 226**  
**Spanish II**  
**Full-year course**  
**Grades 9, 10, 11, 12**  
**Honors**  
**1.00 credit**

This course continues the development of the four language skills with a view to self-expression in the language. The study of grammar is intensified. Reading and writing are expanded through supplementary readings and directed compositions. Hispanic/Spanish culture is explored through various media and independent research.

***Requirements***

Students are placed by recommendation of their Spanish I teacher, based on academic performance, motivation, and work ethic.

**SPANISH 227**  
**Spanish III**  
**Full-year course**  
**Grades 11, 12**  
**College Prep A**  
**1.00 credit**

This course is designed to continue the development of the four language skills, thereby preparing students for college-level language study. Vocabulary and conversational skills are enhanced through readings and discussions. Writing skills are augmented through directed compositions. The study of grammatical structures continues with a view toward facility with specific structures. Students are exposed to a variety of multi-media presentations.

***Requirements***

Students are placed by recommendation of their Spanish II teacher, based on academic performance, motivation, and work ethic.

**SPANISH 228**  
**Spanish III**  
**Full-year course**  
**Grades 10, 11, 12**  
**Honors**  
**1.00 credit**

This course places emphasis on facility in conversation, writing techniques and grammar usage with a view toward continued language study at the university level. Writing skills are expanded through projects, presentations and guided compositions. The study of Spanish grammar continues including verb usage, idioms and specific structures. The study of Hispanic/Spanish literature is introduced via selections of literary masterpieces. Students are exposed to a variety of multi-media presentations.

***Requirements***

Students are placed by recommendation of their Spanish II teacher, based on academic performance, motivation, and work ethic.

**SPANISH 229**  
**Spanish IV**  
**Full-year course**  
**Grades 11, 12**  
**Honors**  
**1.00 credit**

This course continues the development of conversational skills. Selected readings are followed by discussions in Spanish. Creative projects and presentations are designed to link the four language skills. The study of the culture

and civilization of Spanish-speaking countries is continued. The extensive study of grammar and vocabulary continues as a component of the course.

**Requirements**

Students must have successfully completed College Prep A Spanish III (with an average of 90 or higher) and fulfill a summer contract or Honors Spanish III (with an average of 85 or higher). All students must also be recommended by their present Spanish teacher. Recommendation is based on academic performance, motivation, and work ethic.

**SPANISH 259**  
**Spanish V**  
**Full-year course**  
**Grades 12**  
**Honors**  
**1.00 credit**

This course focuses on the development of the study of advanced language, literature and culture. Selected readings are used as a method of presenting and continuing the extensive study of grammar, vocabulary and culture. Students are asked to integrate aural and written information to sharpen their comprehension skills in both areas. Focus is also placed on the students' ability to participate in meaningful conversation in the target language. Students demonstrate their abilities in all four language skills through creative projects and presentations.

**Requirements**

Students must have successfully completed Honors Spanish IV (with an average of 90 or higher). All students must also be recommended by their present Spanish teacher. Recommendation is based on academic performance, motivation, and work ethic.

Advanced Musicianship, Honors	16
Algebra I, College Prep A	19
Algebra I, College Prep B	19
Algebra I, Honors	20
Algebra II, College Prep A	21
Algebra II College Prep B	21
Algebra II, Honors	21
Anatomy & Physiology, College Prep A	29
Anatomy & Physiology, Honors	29
Art II, Honors	17
Art III, Honors	18
Biochemistry, College Prep A	29
Biochemistry, Honors	30
Biology, Advanced Placement	30
Biology, College Prep A	26
Biology, College Prep B	26
Biology, Honors	26
Biology, Cosmology& the Meaning of Life Honors	32
Calculus AB, Advanced Placement	23
Calculus BC, Advanced Placement	23
Calculus, Honors	22
Chemistry, Advanced Placement	30
Chemistry, College Prep A	27
Chemistry, College Prep B	27
Chemistry, Honors	27
Chorus I, College Prep A	15
Chorus, Honors (Semester)	15
Chorus, Honors (Full-year)	15
Communications, College Prep A	13
Communications, Honors	13
Computer Science, Introduction, College Prep A	8
Contemporary Issues, College Prep A	36
Economics, Introduction, College Prep A	8
English I, College Prep A	9
English I, College Prep B	9
English I, Honors	9
English II, College Prep A	10
English II, College Prep B	9
English II, Honors	10
English III, College Prep A	10
English III, College Prep B	10
English III, Honors	11
English IV, College Prep A	12
English IV, College Prep B	11
English IV, Honors	12

English Language and Composition, Advanced Placement	11
English Literature, Advanced Placement	12
Environmental Science, College Prep B	28
Environmental Science, College Prep A	28
Environmental Science, Honors	28
Finance, Introduction, College Prep A	7
Foundations of Art, College Prep A	17
Foundations of Performing Art, College Prep A	14
French IV, Honors	40
Geometry, College Prep A	20
Geometry, College Prep B	20
Geometry, Honors	20
Health, College Prep A	25
Instrumental Ensemble I, College Prep A	16
Instrumental Ensemble, Honors	16
Intro to Photography and Digital Design, College Prep A	17
Latin I, College Prep A	40
Latin I, Honors	40
Latin II, College Prep A	41
Latin II, Honors	41
Latin III, Honors	41
Latin IV, Honors	41
Marine Biology, College Prep B	28
Math IV, College Prep B	22
Modern European History, Advanced Placement	38
Physical Education, Activity (Gym Class)	25
Physical Education, Team Sports	25
Physics, College Prep A	31
Physics, Honors	31
Physics I, Advanced Placement	31
Physics II, Advanced Placement	32
Portuguese I, College Prep A	42
Portuguese I, Honors	42
Portuguese II, College Prep A	42
Portuguese II, Honors	42
Portuguese III, College Prep A	43
Portuguese III, Honors	43
Portuguese IV, Honors	43
Pre-calculus, College Prep A	22
Pre-calculus, Honors	22
Psychology, Advanced Placement	37
Psychology, College Prep A	36
Psychology, Honors	36

Select Choir, Honors	15
Sociology, College Prep A	37
Sociology, Honors	37
Spanish I, College Prep A	44
Spanish I, College Prep B	43
Spanish I, Honors	44
Spanish II, College Prep A	44
Spanish II, College Prep B	44
Spanish II, Honors	45
Spanish III, College Prep A	45
Spanish III, Honors	45
Spanish IV, Honors	45
Spanish V, Honors	46
Statistics, Advanced Placement	24
Statistics, Intro to, College Prep A	23
Studio Art: 2D Design, Advanced Placement	18
Study Skills Lab, College Prep B	8
Technical Drawing and Design, Honors	18
Theater, Honors	14
Theology I, College Prep A	38
Theology II, College Prep A	38
Theology III, College Prep A	39
Theology IV, College Prep A	39
U.S. History, Advanced Placement	35
U.S. History I, College Prep A	34
U.S. History I, College Prep B	33
U.S. History I, Honors	34
U.S. History II, College Prep A	35
U.S. History II, College Prep B	34
U.S. History II, Honors	35
World History, College Prep A	33
World History, College Prep B	32
World History, Honors	33
Writing Process, College Prep A	12
Writing Process, Honors	13