

Seton Catholic Preparatory
2018-2019 Course Catalog

Academic Program

Academic excellence is a trademark of Seton Catholic Preparatory. Because we are committed to providing the necessary preparation for higher educational success that our students seek, our graduation requirements are more demanding than those of most schools. It is Seton Catholic Preparatory's intention that each student has the opportunity to be prepared for college.

Course Load Requirements

All students are automatically scheduled for a class or activity (study hall and/or as a teaching assistant) during each of the seven periods in the school day. Students who are lacking any credits in any given school year due to failure may not return to Seton Catholic Preparatory the following fall semester unless deficient credits are completed during the summer. Students who do not repeat these courses during summer school will not be readmitted. It is **the student's obligation** to request that a transcript be sent from the summer school to Seton Catholic Preparatory before school opens in August.

Summer School and Off-Campus Courses

Summer courses taken for credit recovery may be taken at an accredited high school or through an approved correspondence program. Students must first secure the necessary forms from the assistant principal before enrolling for any summer school courses. Credit for enrichment courses during the summer may be accepted at the discretion of the assistant principal. Students should discuss such plans with the assistant principal in order to be assured that this credit is accepted at Seton Catholic Preparatory. In general, the policy is to permit supplemental courses for the following reasons: 1) the student cannot fit this course into his/her schedule; 2) the course is not offered at Seton Catholic Preparatory.

Course Selection Changes and Drops

Choosing an appropriate program of studies is an important part of each student's high school responsibilities. Parents are encouraged to participate in the yearly process of selecting courses that meet the needs of their son/daughter. Once registered for courses, the opportunity for students to initiate a schedule change occurs from May 9 – May 13, 2016. **After the semester has begun, all requests to change or drop a course are made through the student's counselor for one of the following reasons: Teacher recommendation based on the student ability/misplacement in a course, or the student request based on a desire for a heavier academic load.** Students are not permitted to drop year-long courses at the semester.

Order of departments in this document:

- Business and Technology
- English
- Fine Arts
- Mathematics
- Physical Education
- Lab Science
- Social Studies
- Theology
- World Language
- Miscellaneous Electives

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Graduation Requirements

Class of 2019

The SCP curriculum should be viewed as a four-year experience during which the student must accumulate a minimum of 27.5 credits to graduate. Based on Arizona Regents requirements, North Central Association requirements, and the mission and philosophy of the school, Seton Catholic Prep has established the requirements listed below. Electives are chosen if needed to maintain 6 credits per year.

Business/Technology Elective	.5 credit
English	4 credits
Fine Arts	1.5 credits
Freshman Computing	.5 credit *
Health	.5 credit *
Interdisciplinary Prep, Geo and Sp.	1 credit *
Lab Science	3 credits
Mathematics	4 credits
Physical Education	.5 credit*
Social Studies	3.5 credits **
Theology	4 credits
World Language	2 credits ***
General Electives	2.5 credits

* Interdisciplinary Prep, Geography and Speech, Freshman computing, health, and physical education are typically completed during the 9th grade year.

** .5 credit in economics is a social studies graduation requirement.

*** World language requirement is fulfilled by earning two credits in the same world language at Seton in consecutive years.

Class of 2020 and Subsequent Years

The SCP curriculum should be viewed as a four-year experience during which the student must accumulate a minimum of 27 credits to graduate. Based on Arizona Regents requirements, North Central Association requirements, and the mission and philosophy of the school, Seton Catholic Prep has established the requirements listed below. Electives are chosen if needed to maintain 6 credits per year.

Business/Technology Elective	.5 credit
English	4 credits
Fine Arts	1.5 credits
Freshman Computing	.5 credit *
Health	.5 credit *
Interdisciplinary Prep and Speech	.5 credit *
Lab Science	3 credits
Mathematics	4 credits
Physical Education 9	.5 credit*

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Social Studies	3 credits **
Theology	4 credits
World Language	2 credits ***
General Electives	3 credits

* Freshman Computing, Health, Physical Education 9, and Interdisciplinary Prep and Speech classes are completed in the freshman year.

** .5 credit in economics is a social studies graduation requirement.

*** World language requirement is fulfilled by earning two credits in the same world language at Seton in consecutive years.

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Business and Technology

- *Incoming freshmen will be required to take the Freshman Computing class for .5 general studies credit.*
- *In addition, a .5 credit of a business/technology elective is required for graduation.*

Internet and Web Design (11, 12) (.5 credit)

This course is designed to provide students with an advanced understanding of the Internet and its functions as a form of communication, research, educational tool, and e-commerce. Students learn web development and design web pages using HTML code and Dreamweaver.

Spreadsheet and Database Projects (10-12) (.5 credit)

This course follows the Microsoft Office course. It is designed for the college bound student with emphasis on theoretical design, creation, problem solving, integration, presentation and evaluation of challenging projects using Excel and Access. The students gather and manipulate data for the development of lessons dealing with personal, business and scientific topics.

Freshman Computing (9) (.5 credit -- required)

This course examines a variety of technology and computing processes and issues that affect all Seton students. In this course, students will learn to operate the MS Office suite which is the standard platform for all assignments at Seton. In addition, students will investigate issues related to their use of technology including research, security and ethics.

Personal Finance and Management (11-12) (.5 credit)

This is a one semester class that introduces the student to financial decisions and activities of an individual. This course includes topics of ethics, budgeting (to include charitable giving), credit, insurance, savings, investing, debt servicing, consumer loans, and taxes. In addition, the student will apply the principles of financial planning which involves analyzing their current financial position and predicting their short-term and long-term needs. The Student will incorporate their knowledge of MS Office, the internet, and email to research financial topics. Also, the student will create, implement, and maintain personal financial documents.

AP Computer Science Principles (11-12) (1 credit)

AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts. AP Computer Science Principles also gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science.

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English

- 4 credits, 1 each year, are required for graduation.
- In addition, 1 credit of *Interdisciplinary Preparation and Geography* must be completed during the freshman year.

Interdisciplinary Preparation and Speech (9) (1 credit -- required)

The class is designed to assist students as they transition from eighth grade to a college preparatory high school curriculum. Students refine time management techniques, self-assessment, realistic goal setting, and study skills. They participate in Socratic discussions, MLA research, speech writing and delivery, and formal resume writing in both theory and practice.

Introduction to Literature and Composition (9) (1 credit)

This course provides a strong basis in writing skills and an introduction to literary analysis. A variety of genres of literature are used to understand, analyze and synthesize literary works. A comprehensive study of literary elements in each genre provides students with the ability to understand how authors create works. Students apply what they have learned in various essays and writing assignments that analyze the literature presented. Writing strategies incorporate formal and informal styles and techniques. A vocabulary study enables students to increase reading and writing skills and prepare for examinations. Focused and close reading exercises help students build skills in note-taking and reading comprehension.

Honors Introduction to Literature and Composition (9) (1 credit)

This course provides a thorough introduction and analysis of short stories, novels, poetry, and drama that students will use as they read selected works from each genre. A nonfiction unit is included to focus on author's purpose and argument and persuasion techniques. Students gain an understanding of the diversity of literature with a particular emphasis on ancient drama and mythology. The writing emphasis is on literary analysis as well as increasingly sophisticated writing techniques. Vocabulary from a required text and from literary selections is also included weekly.

World Literature and Composition (10) (1 credit)

This course concentrates on various modes of writing in response to and rooted in world literature. A stronger emphasis is placed on the writing process rather than final product; however, periodic timed writing will be used for evaluation. Style, grammar, and vocabulary lessons are both practiced as independent drills (through various software programs) and integrated into writing assignments. Students read novels and nonfiction writings to underpin their awareness of rhetorical strategies and to develop understanding and appreciation of the dignity of the human person.

Honors World Literature and Composition (10) (1 credit)

This course provides an overview of contemporary nonfiction and world literature through assigned novel and independent novel study. The students will also focus on the various types of essay writing with an emphasis on compare and contrast, cause and effect, and argument essays. Shorter essays will be read and analyzed as models for the students own writing. The students will practice research techniques during the year in the culmination of a year-long research and analysis project using the writing techniques studied. A study of vocabulary will be incorporated throughout the year and used to make writing more articulate.

American Literature and Composition (11) (1 credit)

This course involves the study of American literature from the colonial period to present through novels, short stories, plays, and poetry. A variety of literature provides students with a comprehensive view of how American culture has impacted literature and how literature and writing has changed over time. Composition concentrates on students formal and informal responses to literature and its elements, in addition to a research project that focuses on American culture. Vocabulary is studied within the context of literature and through the vocabulary text.

Advanced Placement English Language and Composition (11) (1 credit)

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AP Language and Composition is a yearlong writing and reading course. The reading focus is American literature, essays and other nonfiction writing. The course involves rigorous analysis of and practice with rhetorical strategies and devices. Argumentative, expository, and analytical writing are significantly rehearsed and explored. Research techniques are also emphasized. All students taking the course are expected to take the AP Language and Composition exam in the spring.

British Literature and Composition (12) (1 credit)

This course provides the study of a sampling of British literature from the Anglo-Saxon period through modern times. Vocabulary is studied within the context of literature and through the vocabulary text. With regard to composition, there is a concentration on literary analysis; reflective and expository writing; a personal memoir project, and a research paper/project.

Advanced Placement English Literature and Composition (12) (1 credit)

This course complies with the curricular requirements found in the AP course description issued by The College Board. Students participate in close reading and critical analysis of a variety of literature and genres. The required close reading of texts lead students to a deeper understanding of the writer's craft in interpreting meaning and creating enjoyment for readers. The students consider a work's structure, style, and themes as well as smaller scale elements such as figurative language, imagery, symbolism, and tone. They also study representative works from the 16th through 21st centuries, including various genres, periods and cultures with the primary focus on covering several works in depth. This requires deliberate reading and analysis of the work's complexity, layers of meaning, and literary style, as well as the social and historical values they reflect. Students write timed writings at regular intervals, followed by both instructor and peer evaluations. While students receive practice and guidance for taking the AP exam in the spring, this course is aimed primarily at providing college level instruction and expectations leading to the development of college level skills. All students taking the course are expected to take the AP Language and Composition exam in the spring.

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Fine Arts

- *1.5 credits of fine arts are required for graduation.*

Academic Decathlon (10-12) (1 credit)

This course is designed for students of all abilities and levels of academic achievement. The purpose of this course, through academic competition, is to develop a greater respect for knowledge, promote wholesome competition in academic areas of study and interest, and stimulate intellectual growth and achievement. The primary focus of this course will be preparation for the Arizona Academic Decathlon competition. The students of varying backgrounds and varying abilities and achievement levels will work together to prepare themselves for academic competition. In the competition the students will participate in ten events—six tests in standard subject areas (math, social science, language and literature, art, music, and either science or economics); speech, interview, and essay; and the Super Quiz, a fast-answer team relay on a theme topic.

Publications (10-12) (1 credit)

Prerequisite: teacher approval

The Yearbook/Journalism Publications class will emphasize the application of sound publishing principles to investigating, reporting, writing, story development, photography, design layout, advertising sales, and editing. Students will learn the basics of responsible journalistic writing and sharpen composition skills through weekly reporting, writing, and layout assignments. The class will publish the Seton newspaper periodically throughout the year and produce the annual Seton Catholic Preparatory yearbook.

Visual Art

Art I (9-12) (.5 credit)

This fundamental art class provides a survey of various painting and drawing media in a hands-on studio setting. It will focus on experimenting with a variety of materials, tools, and techniques, and developing an understanding of the Elements of Design. Students will be challenged to think creatively and learn how to express their ideas in a visual manner. Art history and art-related vocabulary terms will be integrated throughout the semester. This course is a prerequisite for Art II and AP Studio Art.

Art II (10-12) (.5 credit)

Prerequisite: Art I

This studio art class will build upon the skills introduced in Art I. Students will develop an understanding of the Principles of Design and experiment with more advanced painting and drawing techniques to create meaningful, well-developed, carefully-executed pieces of art. This course also focuses on learning how to critique and make educated judgements about art. Art history and art-related vocabulary terms will be integrated throughout the semester.

AP Studio Art: Drawing (10-12) (1 credit)

Prerequisite: Art I and teacher approval

In this course, students will investigate three aspects of portfolio development- quality, concentration, and breadth. Portfolio development is a process in which students use critical decision-making skills to develop their work in drawing, painting, and mixed media. Sketchbook assignments and other work completed outside class are ongoing. Students will be expected to develop mastery in concept, composition, and execution of ideas. At the conclusion of the school year, students are required to submit a portfolio to the AP® College Board.

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Ceramics I (10-12) (.5 credit)

Students learn and demonstrate the fundamental techniques of hand-building and wheel-throwing. Through presentations, students will demonstrate their understanding of the cultural and historical development of functional and non-functional pottery. Terminology specific to Ceramics will be learned and demonstrated to facilitate communication during the studio experience. Students will learn and demonstrate their understanding of clay and glaze properties and the firing process. Emphasis will be placed on the quality of the student work, as well as the expression of the work. Students will analyze, evaluate and critique their work using specified criteria. Students will keep a log book of all projects.

Ceramics II (10-12) (.5 credit)

Prerequisite: Ceramics I

Students will learn and demonstrate advanced methods of hand-building and wheel throwing techniques. Students will create and maintain a concept file for the development of ideas for projects. Students will study selected ceramic artists and recognize the characteristic traits of their works. Advanced and alternative glaze techniques will be learned and demonstrated. Students will analyze, evaluate and critique their work using specified criteria. Students will keep a log book of all projects. Students will select an area of focus to explore and create a body of work reflecting their chosen focus area.

Film Production I (10-12) (.5 credit)

Film I is recommended for students that have an interest in film production, broadcast journalism, or communications. Students will study the basics of planning, recording, editing, and evaluating video projects. Topics include scripting and storyboarding, basic camera use, lighting for video, and basic techniques for video editing. In addition to working to produce student news episodes, students will also work on individual film projects for the Seton Film Festival or the Senior Video.

Film Production II (10-12) (.5 credit)

Prerequisite: Film Production I or teacher approval

In Film Production II, students will continue to learn the process of communicating their ideas through film. Students will study more advanced techniques in cinematography, sound recording, video editing, and narrative story telling. Film II students will also mentor Film I students in the creation of student news episodes as well as creating a Film Festival Project or the Senior Video.

Photography / Photoshop I (10-12) (.5 credit)

This course will provide students with a fundamental knowledge of digital photography. Students will study the basic functions and use of a Digital SLR camera, creative composition in photography, the origins and history of photography, and a variety of other skills. Using Adobe Creative Cloud software and a variety of digital tools, students will complete hands- on projects that will explore their creative abilities as a photographer as they build a portfolio.

Photography / Photoshop II (10-12) (.5 credit)

Prerequisite: Photography / Photoshop I or teacher approval

Students in this advanced level graphic arts course will practice more advanced techniques in digital photography as well as digital manipulation techniques using Adobe Photoshop. Greater independence is incorporated at this level allowing for more project choices and experimentation in lessons. Students will continue to build their photography portfolio.

Graphic Design I (10-12) (.5 credit)

Graphic Design is recommended for students interested in pursuing a career Marketing or Advertising. Graphic Design I focuses on learning and practicing the principles of design as well as the design process as it applies to the field of Graphic Design. Students will use software as well as digital tools to create designs in a variety of hands- on design challenges. Graphic Design students will create their design portfolio.

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Graphic Design II (10-12) (.5 credit)

Prerequisite: Graphic Design I

Second semester graphic design students will continue learning and practicing the principles of design in order to expand their design portfolio. Students will also work with other Graphic Design students in a team environment to complete design projects for the school. Curriculum will allow for more student preference in the projects that they complete.

Dance

Dance I (10-12) (1 credit)

This course is designed to introduce different dance styles and the basic strategies to choreographic processes and principles. The styles the course will focus on will be: Ballet, Jazz, Hip Hop, Broadway, and Contemporary/Modern. Students will learn how to identify and apply elements of time, tempo, rhythm, levels, directions, floor patterns, energy, emotion, movement, and many other fundamentals of dance. Any student can take beginning dance.

Dance II (10-12) (1 credit)

Prerequisite: Dance I or teacher approval

This course is designed to further explore different dance styles and the basic strategies to choreographic processes and principles. The styles the course will focus on will be: Jazz, Hip Hop, and Contemporary/Lyrical. In addition, Dance II will introduce advanced jazz technique and focus on student's flexibility.

Company Dance-Advanced (9-12) (1.0 credit; this course may be repeated)

Prerequisite: Teacher approval – An audition is required to be admitted to the class.

This course is performance-based and provides further exploration in choreography and dance technique. As with all dance courses, it is designed to improve the student's acquisition of strength, flexibility, endurance, timing, coordination and team work. The course not only provides instruction from the Seton Catholic dance teacher, but also gives the students input from outside choreographers. Projects include student choreography for the Fine Arts Night performances, as well as other events and activities.

Drama

Introduction to Acting (10-12) (.5 credit)

This is a one-semester elective that includes character development, improvisation and basic drama theory and in-class performances.

Stage Craft (10-12) (.5 credit)

Stage Craft is designed to provide the student with an introduction to the many off-stage, behind the scenes aspects of theatre and is open to any Seton student with an interest in drama/theatre. The semester will include: introduction to theater, stage direction, technical theater, set design and construction, lighting and sound.

Music

Band (9-12) (1.0 credit; this course may be repeated)

This is a performance-oriented course, which acquaints all students with different styles of band music. The course requires students to take part in performances outside of regular class time. Basic music theory instruction is provided.

Orchestra (9-12) (1.0 credit; this course may be repeated)

This is a performance-oriented course, which acquaints students with different styles of orchestral music. The course requires students to take part in performances outside of regular class time. Basic music theory instruction is provided.

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Guitar I (10-12) (.5 credit)

This class is a performance-oriented class for guitar players of all ability levels. It explores fundamentals of guitar playing, various strumming and picking techniques and different forms of musical notations for guitar. Solo and ensemble music from a variety of styles are studied and prepared for performance. Basic music theory instruction is provided also. This course requires students to take part in performances outside of regular class time.

Guitar II (10-12) (.5 credit)

Prerequisite: Guitar I or teacher approval

This class is a performance-oriented class for guitar players of intermediate ability level. This class reviews fundamentals of guitar playing, various strumming and picking techniques, and different forms of musical notation for guitar. This course requires students to take part in performances outside of regular class time. Throughout the semester, students learn basic musicianship through guitar experiences including music reading, symbols, terminology, and rehearsal, instrumental and performance techniques.

Concert Choir (9-12) (1 credit; this course may be repeated)

This is a performance-oriented course for students who enjoy singing. Students are familiarized with different styles/eras of vocal music, stage performance and basic show choir movement. The course requires students to take part in performances outside of regular class time. Basic music theory and vocal technique are taught.

Music Appreciation (10-12) (.5 credit)

Music Appreciation is a semester class designed to expose the student to a variety of styles of music from several time periods. The class explores the history and development of music from the Medieval Period to contemporary times, including classical and popular styles of music.

Introduction to Music Theory (10-12) (.5 credit)

This course will provide the students with a basic knowledge of music reading and writing in order to enhance their music performance experiences. Throughout the semester, students will learn basic music theory terminology, symbols, and writing and reading music notation. Students will also be introduced to basic fundamentals of playing the piano. This course is a pre-requisite for AP Music Theory.

Advanced Placement Music Theory (11, 12) (1 credit)

Prerequisite: Introduction to Music Theory **or** teacher approval

This course will explore the fundamentals of music theory and prepare students to take the AP Music Theory exam. Topics will include music terminology, notation, composition, score analysis, aural skills and theory concepts.

Piano Class I (10-12) (.5 credit)

This course is for piano players of beginning ability level. This class will explore fundamentals of piano playing, finger placement, and basic music notation. Solo piano music from a variety of styles will be studied. Basic music theory instruction will also be provided. Students will be expected to complete assignments, work sheets and projects as well as practice and songs for in-class performances.

Piano Class II (11-12) (.5 credit)

Prerequisite: Piano Class I or teacher approval

This course is for piano players of intermediate ability level. This class will review piano and theory fundamentals. Students will explore and learn progressively more complex songs from a variety of styles and more advanced music theory concepts and topics. Students will be expected to complete assignments, work sheets as well as practice songs for in-class performances.

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Mathematics

- *4 credits in mathematics are required for graduation.*

Algebra 1 (9) (1 credit)

This course introduces the student to the basic structure of algebra. The real number system, basic order of operations, solutions to linear and quadratic equations and manipulations of polynomials are stressed. Students are also introduced to the language of algebra and how to utilize it to solve problems by writing and solving equations and inequalities.

Honors Algebra I (9) (1 credit)

This course introduces the student to the basic structure of algebra and includes a more in-depth study than Algebra 1 offers of the real number system, basic order of operations, solutions to linear and quadratic equations and manipulations of polynomials. Students are also introduced to the language of algebra and how to utilize it to solve problems by writing and solving equations and inequalities.

Geometry (9, 10) (1 credit)

Prerequisite: Algebra 1

This course introduces the broad fundamentals of plane and solid geometry emphasizing mastery of basic geometric principles. Theorems, postulates, definitions and the application of these principles through sequential, logical thinking are used to enable the student to solve geometric problems.

Honors Geometry (9, 10) (1 credit)

Prerequisite: Algebra 1 and teacher recommendation

This course introduces the broad fundamentals of plane and solid geometry emphasizing mastery of basic geometric principles. Theorems, postulates, definitions and the application of these principles through sequential, logical thinking are used to enable the students to solve geometric problems. This course treats topics in greater depth than the regular course.

Algebra II (10, 11) (1 credit)

Prerequisite: Algebra 1 and Geometry

This course is a continuation of the concepts learned in Algebra 1. Students learn a variety of techniques to work with linear equations and inequalities, factoring, simplifying polynomial expressions, simplifying radical expressions, simplifying expressions with complex numbers, solving problems using exponential and logarithmic functions, conics, and an introduction to the basic fundamentals of trigonometry.

Honors Algebra II/Trigonometry (10, 11) (1 credit)

Prerequisite: Algebra 1, Geometry and teacher recommendation

Honors Algebra 2 develops the algebraic concepts of Honors Algebra 1 in greater depth. The course includes such topics as solving linear equations, inequalities, factoring, simplifying polynomial expressions and simplifying radical expressions. Additionally they learn about simplifying expressions with complex numbers, solving problems using exponential and logarithmic functions, coordinate graphing, conics, and the basic fundamentals of trigonometry such as the definitions of the trigonometric functions.

College Math (12) (1 credit)

Prerequisite: Algebra 1, Geometry, Algebra 2 and teacher recommendation

Algebraic concepts are strengthened and extended. Trigonometric and logarithmic functions are introduced and explored. A function approach to mathematical modeling is employed throughout the course. Additional topics may include Combinations, Permutations, Probability, and Conic Sections.

Finite Math (11, 12) (1 credit)

Prerequisite: Algebra 1, Geometry, Algebra 2

This optional senior math course will survey a variety of topics including Set Theory, Logic, Non base-ten numbering systems, elementary statistical methods, personal finance applications, Combinations/Permutations,

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Probability, and an extension of Algebraic systems involving Linear, Quadratic, Exponential, and Logarithmic systems.

College Algebra (11, 12) (1credit)

Prerequisite: Algebra 1, Geometry, Algebra 2 (*dual enrollment available for 3 college credits through Seton Hill University*)

This course prepares students for the mathematics that most college freshmen will encounter through the study of polynomial and rational functions, exponential, logarithmic, circular functions and the conics. Triangle trigonometry, trigonometry of real numbers, trigonometric formulas and equations are also covered. The graphing calculator is utilized to obtain algebraic and trigonometric solutions.

Honors Pre-Calculus (11, 12) (1 credit)

Prerequisite: Algebra 1, Geometry, Algebra 2 and teacher recommendation (*dual enrollment available for 4 college credits through Seton Hill University*)

This course investigates and applies general function properties from both a numerical and graphical perspective. In addition to polynomial, rational, exponential and logarithmic functions, regression analysis, conics, polar representations, and vectors are studied. Trigonometric functions are extended to include right triangle trigonometry, radian and degree measure, trigonometric formulas, identities and equations. An introduction to calculus is covered which includes the evaluation of finite and infinite limits, derivatives and the area under a curve utilizing Riemannian sums.

Advanced Placement Calculus AB (11, 12) (1 credit)

Prerequisite: Algebra 1, Geometry, Algebra 2, Pre-Calculus and teacher recommendation

This course is the equivalent of a first semester college calculus course. Reviews of trigonometric, logarithmic and exponential functions, the real number system, graphing and analytic geometry are integrated into the course. This course provides an introduction to limits, continuity, differentiation and integration. Applications of derivatives and integrals are utilized in solving science and business word problems. Students are expected to take the AP exam administered in May.

Advanced Placement Calculus BC (11, 12) (1 credit)

Prerequisite: Algebra 1, Geometry, Algebra 2, Pre-Calculus, AP calculus AB and teacher recommendation

This course is the equivalent of a second semester college calculus course. Topics covered in AP calculus AB are expanded to include derivation and integration methods involving parametric, polar, and vector functions. Euler's method, L'Hospitals Rule, and convergence/divergence of improper integrals and series are included. Additional integration techniques explored included trigonometric substitution, integration by parts, and simple partial fractions. Polynomial approximations and series topics include the ratio test for convergence, Taylor and Maclaurin series. Students are expected to take the AP exam administered in May.

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Physical Education

- .5 credit of physical education is required for graduation.
- In addition, .5 credit of health is required for graduation and is generally taken during the freshman year.

Body Sculpting (10-12) (.5 credit; girls only)

This course focuses on daily workouts that include Yoga fitness, Pilate's, stretching, partner stretching, flexibility, a variety of weight-training methods and a variety of aerobic exercises. Every move is precisely broken down, making it clearly visible and easy to follow. This class takes the beginner to advance skills, safely, quickly, and effectively. In addition, this course will provide basic fundamentals on nutrition, diet, and appropriate calorie intake.

Health (9) (.5 credit -- required)

One semester course required for all freshman and sophomore transfer students to Seton Catholic Preparatory. Health education develops skills that enable students to recognize, obtain, and interpret health information helping them to take responsibility for achieving and maintaining physical, mental, emotional, and social health throughout their lives.

Physical Education (9-12) (.5 credit; this course may be repeated)

A one semester course which may include the following activities: soccer, basketball, flag football, floor hockey, badminton, ultimate frisbee, whiffle ball, dodgeball, kick ball, fist ball, yoga, intro to weight training, and anti-gravity training methods. Proper training techniques, sports rules, fundamentals, sportsmanship, cardio and muscular fitness, resistance training, and healthy living tips will also be integrated into the classes. Students will assess their fitness through weekly exercise routines that will include pull-ups, pacer test, shuttle runs, modified sit-ups, push-ups, jumping rope, and the mile run. A student fitness assessment test (SFA) will be given at the end of the semester for each student. Upon completion of this course the student will have a greater appreciation of the importance of physical fitness and how it coexists with the spiritual and academic aspects of their lives.

Sports Medicine (11-12) (.5 credit; this course may not be repeated)

Students in the first year of sports medicine receive Red Cross CPR certification and receive instruction in first aid, emergency care of injuries, open wound care, prevention of disease transmission, and taping and wrapping techniques. They also study techniques for minimizing and preventing sports' injuries through learning the concepts and laws related to sports' injuries. Proper nutrition and hydration are also covered. The class will be broken up into classroom time and field experience/practicum time. *It is a working class and it will require after school time spent working with the athletic teams at Seton.*

Strength and Conditioning formerly weight training (9-12 co-ed) (.5 credit, this course may be repeated)

This course will give the student an introduction to fitness through multi-segmental weight training. Emphasis is placed on safety and education of proper warm-up, stretching, lifting techniques, spotting, developing personal programs, and concentration on core and body stabilization. The utilization of multiple weight training modalities gives each student the opportunity to enhance performance potential. This class will give each student a solid foundation in weight training and an incentive to maintain lifetime fitness goals.

Advanced Strength and Conditioning formerly called advanced weight training (10-12 co-ed) (.5 credit, this course may be repeated)

Prerequisite: Strength and Conditioning, or approval of teacher

This course is designed for the student who has a weight training and fitness background. Specific individualized instruction will allow each student the opportunity to improve their flexibility, muscular strength, speed and elevate their overall fitness and athletic ability. This class will train at a high level of intensity with the goal of taking the individual or athlete to the next level of their training goal.

Zero-hour Strength and Conditioning (9-12 co-ed) (.5 credit, this course may be repeated)

Prerequisite: Participation in a Seton-sponsored athletic team, or approval of teacher. Fall semester is reserved for students in 9th grade. Spring semester is open to students in grades 9 – 12.

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Lab Science

- *3 credits of lab science are required for graduation.*

Biology (9) (1 credit)

Biology is the first science students study at Seton Catholic. Biology is the study of life. This course examines the characteristics of living things, the cell and its processes, the principles of genetics, the evolution of life on this planet, the classification of earth's life forms, vertebrate characteristics, mammal characteristics, human history and ecological relationships. Current issues in biology are discussed as they arise. Biology is a required course for all Seton Catholic Preparatory High School graduates. This course will fulfill 1 of the 3 lab science requirements set forth by the Arizona State Board of Regents for entrance to any state university in Arizona.

Honors Biology (9) (1 credit)

Prerequisite: Placement by Seton Catholic Prep Science Department

Biology is the first science students study at Seton Catholic. Biology is the study of life. Honors Biology examines, in great depth, the characteristics of living things, the cell and its processes, the principles of genetics, the evolution of life on this planet, the classification of earth's life forms, human history and ecological relationships. Various living organs are studied and there is an opportunity for dissection experiences. A greater opportunity is provided for in-depth problem solving skills. This course will fulfill 1 of the 3 lab science requirements set forth by the Arizona State Board of Regents for entrance to any state university in Arizona.

Physics (10) (1 credit)

Prerequisite: Algebra 1 and Biology.

Physics is the second science studied at Seton Catholic and is designed to teach basic scientific concepts necessary for more advanced science courses. This is a lab-based course that explores the forces and processes that operate in the universe. Students will investigate motion, forces, work, machines, energy, waves, electricity and other basic physics concepts. This is a preparatory course and essential skills learned in this course will help ensure student success in future science courses. Algebra I skills are needed for success in this course. Physics is a required course for all Seton Catholic Preparatory graduates. It also fulfills 1 of the 3 lab science requirements set forth by the Arizona State Board of Regents for entrance to any state university in Arizona.

Honors Physics (10) (1 credit)

Prerequisite: Algebra 1, Biology, and enrollment in honors geometry or more advanced math and teacher approval
Physics is the second science studied at Seton Catholic. This course is designed to teach basic scientific concepts necessary for more advanced science courses. The Honors Physics course develops thought processes and skills necessary for scientific reasoning and is a highly participatory class with many hands-on activities. Significant emphases are placed on the understanding of Newton's Three Laws of Motion; the First Law of Thermodynamics and its relationship to work and energy changes; and basic electricity. Math and graphical analysis skills are used throughout the year. This course is designed to prepare the student for a successful transition into honors chemistry and advanced science courses. It provides a higher difficulty level in problem solving while maintaining the same style and content as the regular physics course. This course will fulfill 1 of the 3 lab science requirements set forth by the Arizona State Board of Regents for entrance to any state university in Arizona.

Chemistry (11) (1 credit)

Prerequisite: Biology and Physics.

Chemistry is the third level of science studied at Seton Catholic. Chemistry is the study of matter and how it changes. This course is an overview of the nature of matter, atomic structure, chemical bonding, and the use of the Periodic Table; the gas laws, solutions, acids and bases; types of chemical reactions and the balanced chemical equation for each reaction; stoichiometry and organic and nuclear chemistry. A great opportunity is provided for the student to develop analytical laboratory skills, including analysis of data and preparation of technical laboratory reports. Students who are successful in this chemistry course will be prepared for advanced science classes offered during senior year. Chemistry is a required course for all Seton Catholic Preparatory High School graduates. This course also fulfills 1 of the 3 lab science requirements set forth by the Arizona State Board of Regents for entrance to any state university in Arizona.

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Honors Chemistry (11) (1 credit)

Prerequisite: Biology, Physics, performance of 85% or better in the student's current math class, and teacher approval

Chemistry is the third level of science studied at Seton Catholic. Chemistry is the study of matter and how it changes. This Honors Chemistry course is an in-depth examination of the nature of matter, atomic structure, chemical bonding, the gas laws, solutions, acids and bases; types of chemical reaction and the balanced chemical equation for each reaction; stoichiometry and organic and nuclear chemistry. Students are challenged to develop advanced problem solving skills based on observation, data analysis and mathematical computations. It is also an excellent opportunity for the student to develop analytical laboratory skills. Successful Honors Chemistry students will be well prepared for senior year advanced science courses and science courses at the college level. This course will fulfill 1 of the 3 lab science requirements set forth by the Arizona State Board of Regents for entrance to any state university in Arizona.

Pathway to Innovation: Science and Engineering

Engineering I (9) (1 credit)

Prerequisite: Enrollment in Honors Algebra I or more advanced math class and teacher approval

In this hands-on, project-driven class, students will learn the basic tenets of engineering design and modeling. Aligning with first year science, student projects will focus on engineering solutions to problems in the realms of biology and medicine. This is the introductory class in the Pathway to Innovation: Science and Engineering four-year sequence.

Engineering II (10) (1 credit)

Prerequisite: Engineering I, enrollment in Honors Geometry or more advanced math, and teacher approval

A continuation of Engineering I, students enrolled in the Pathway to Innovation: Science and Engineering program will continue their academic journey learning about engineering topics such as reverse engineering and product improvement. Students will also learn foundational scientific and mathematic concepts used routinely in engineering such as power, materials, controls and statistics. The course is designed to be physics-aligned with class projects in the mechanical or electrical engineering domains.

Engineering III (11) (1 credit)

Prerequisite: Engineering II, enrollment in Honors Algebra II or more advanced math, and teacher approval

A continuation of Engineering II, students enrolled in the Pathway to Innovation: Science and Engineering program will continue their academic journey learning about foundational scientific and mathematic concepts used routinely in engineering such as power, materials, controls and statistics. Projects included: Rube Goldberg machine, solar car, truss bridge, hot box and a material sorter.

Engineering IV (12) (1 credit)

Prerequisite: Engineering III, enrollment in Honors Pre-Calculus or more advanced math, and teacher approval

A continuation of Engineering III, this class is the cap-stone course for students enrolled in the Pathway to Innovation: Science and Engineering program. Students will be responsible for creating, designing, engineering and producing their own engineering project. Phases of the course: Researching a Problem, Designing a Solution, Creating a Prototype and Testing Plan, Evaluation and Reflection on the Design Process, Presentation of the Design Process.

Senior Science Electives

Advanced Placement Physics C Mechanics (12) (1 credit)

Prerequisite: Biology, Physics, Chemistry, concurrent enrollment Honors Pre-Calculus or AP Calculus AB and teacher approval

This AP course will cover college-level physics including: 2D-motion, Newton's Laws, momentum, energy, rotation and torque, gravity and oscillations. The calculus-based class will include a focus on both the mathematical problem solving of physics as well as the corresponding laboratory components. The student should have a very strong math

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foundation and solid data interpretation and analysis skills. AP Physics has some of the most challenging material on campus. The student should be prepared for a significant academic encounter.

College Chemistry (12) (1 credit)

Dual enrollment class with Seton Hill University (students have the option for dual enrollment with Seton Hill University for 4 college credits each semester for a total of 8 college chemistry credits available.)

Prerequisite: Biology, Physics, Chemistry, Algebra 2 and teacher approval

The College Chemistry course is the equivalent to the chemistry courses taken during the first two semesters of college. Students in this class build upon the basic chemistry knowledge they attained during junior year chemistry to understand more complex chemical concepts. College Chemistry course contributes to the development of the students' abilities to think clearly and to express their ideas orally and in writing, with clarity and logic. Furthermore, the students use their first year analytical laboratory skills to perform complex laboratory experiments. These students become accomplished laboratory chemists. Dual enrollment means that students in College Chemistry will receive high school credit for this class at Seton Catholic Prep and college credit through Seton Hill University. The student should be prepared for a significant academic encounter.

Environmental Science (12) (1 credit)

Prerequisite: Biology, Physics, Chemistry, and teacher approval

The environmental science class will investigate the concepts of sustainable ecosystems, specifically how water, air and energy issues are related to establishing a sustainable society. The Environmental Science class is intended to integrate classroom, instruction, reading of environmental literature, viewing environmental videos, on campus activities and field experiences for sample collection. The Environmental Science class builds upon the students' prior knowledge of lessons learned during the study of biology, physics and chemistry in examining the functioning of ecosystems. This class involves independent work throughout campus and as such, student comportment and behavior may determine acceptance into the class and continued enrollment in the course.

Honors Human Anatomy and Physiology (12) (1 credit)

Prerequisite: Biology, Physics, Chemistry, and teacher approval

Anatomy and physiology are subdivisions of the science of biology, the study of living organisms. Anatomy, derived from the Greek word meaning "a cutting up," refers to the study of the structure of the body. Physiology, from the Greek root meaning "the study of nature," deals with the function of the body and the characteristics of living matter. Anatomy is descriptive while physiology is dynamic. As in other areas of biology, form and function go hand in hand. To attempt to fully understand the human body, one must learn of its various structures as well as the particular functions those structures serve and how they are interrelated. Therefore, anatomy and physiology are both essential to life science study. The student should be prepared for a significant academic encounter.

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Social Studies

- *3.5 credits of social studies are required for graduation. Seniors must take US Government and one other social studies elective to fulfill their senior social studies requirements.*
- *Students must take economics as part of their social studies requirement.*
- *Honors courses are not required and are taken in place of the standard course.*

World History (10) (1 credit; sophomores may take AP European History or AP World History instead)

This survey course utilizes a thematic approach to world history beginning with early civilizations and progressing towards the 21st century. Each semester unit projects, research, and writing skills are applied.

Advanced Placement European History (10) (1 credit; fulfills sophomore social studies requirement)

The Advanced Placement program in European history is designed to provide students with the factual knowledge and the analytical writing skills necessary to deal critically with the rise of Western Civilization through the study of people, places, events, trends, obstacles, and materials of European history from 1450 to the present. The course answers perhaps the most critical question which is why Western Civilization surpassed all others during this period. Students are expected to take the AP exam administered in May.

Advanced Placement World History (10) (1 credit; fulfills sophomore social studies requirement)

In AP World History, all students will cover a curriculum beginning with Human Origins and ending with the Cold War. Course information will be separated into 6 units: Unit 1 Prehistory-600 B.C.E, Unit 2 600 B.C.E.-600 C.E., Unit 3 600-1450, Unit 4 1450-1750, Unit 5 1750-1900, and Unit 6 1900-Present. All students must also learn to view history thematically. The AP World History course is organized around 5 themes that serve as unifying threads throughout the course, helping students relate to what is particular about each time period or society to a "big picture" of history. The themes also provide a way to organize comparisons and analyze change continuously over a prolonged period of time. The 5 Specific themes are Social, Political, Interaction, Cultural, and Economic. The goal of the course is not only full comprehension of an event's significance at the time it occurred, but rather to show its connection to modern society. Finally, AP World History will examine our world geographically, frequently referencing a variety of major continents, countries, states, oceans, and rivers. All students taking the course are expected to take the AP World History exam in the spring.

United States/Arizona History (11) (1 credit)

United States/Arizona History is a chronological, topical study of the history of our nation and state. It is designed to provide the student with analytical skills and factual knowledge necessary to deal critically with the history of both the state and the nation. This course is divided into two sections, one per semester: beginnings to Reconstruction (1877); and the industrialization of America to contemporary United States.

Advanced Placement United States History (11) (1 credit; fulfills the state requirement for US/AZ History)

Prerequisite: AP European History, 80% in English or recommended by their World History teacher.

The AP program in United States history is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and the materials in United States history. This class prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by introductory college courses. Students are expected to take the AP exam administered in May.

Economics (11, 12) (.5 credit – required; seniors may take AP Macroeconomics instead)

Economics is the social science dealing with the study of how people satisfy seemingly unlimited and competing wants with the careful use of scarce resources. Economics studies a variety of topics covering both macro and microeconomics. Money and banks, economics systems, international policy, and how economics affect your everyday life are closely examined throughout the semester. The class also has two projects for the semester.

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Advanced Placement Macroeconomics (12) (.5 credit; this course satisfies the economics requirement)

The purpose of the AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination, and develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. All students taking the course are expected to take the AP Macroeconomics exam in the spring.

United States/Arizona Government (12) (.5 credit -- required unless taking the AP United States Government & Politics course)

US/AZ Government is an introduction to political science for the high school senior. The student will investigate the workings of our federal, state, and local governments with an emphasis on the U.S. Constitution.

Elective Courses

- These "elective" courses are meant to be taken opposite American government.

Advanced Placement United States Government & Politics: (12) (1 credit; year-long. This course satisfies both the government and elective requirements for graduation.)

Prerequisites: At least a 75% average in AP US History or an A in both semesters of US/AZ History and teacher approval.

AP US Government and Politics is a two-semester college level course that examines American government, politics, and public policy. The course specifically targets student mastery of the College Board's AP US Government and Politics Curricular Requirements and thoroughly prepares students for the AP exam in May. Additional emphasis is placed on in-depth analysis of major areas of public policy. Students are expected to commit to a substantial amount of reading and preparation. Topics include but are not limited to the historical and philosophical foundations of the United States Constitution, formal institutions of government, civil liberties and civil rights, political behavior, and various public policy areas ranging from economic policy to foreign and defense policy.

Advanced Placement Psychology (12) (1.0 credit)

This is a full-year course that is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students are expected to take the AP exam administered in May.

Honors Philosophy (11, 12) (.5 credit; this course is offered in the fall)

Seton Hill University (dual enrollment available for 3 college credits through Seton Hill University, PL100)

Prerequisites: An A or B in both semesters of the previous year's Social Studies course and teacher approval

An introductory survey of Western philosophy through the 20th century, the course examines ontological and epistemological claims made by philosophers from ancient, medieval, modern, and postmodern eras. Special emphasis is placed on the intersection of philosophy and theology and its impact on Western understandings of the Christian faith.

Principles of Leadership (11, 12) (.5 credit; this course is offered in the fall)

Students in Principles of Leadership will study leadership theory and skills expressed in communication and management styles of prominent figures. Students will work to hone their own skills at leading in their daily lives, understanding communication, as well as giving and receiving effective feedback. Finally, students will study what being a transformative leader. A central focus of the course is participation in a student-led service-learning project.

Psychology (12) (.5 credit)

This is an overview of contemporary psychology, which introduces the students to the following areas: human development, sensation, perception, motivation, learning, emotion, psychological measurement, personality, different types of therapies and biological basis of behavioral and clinical psychology.

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Theology and Religious Studies

The theology requirement for graduation is 4 credits, 1 credit per year of attendance in a Catholic school. Each semester course successfully completed earns .5 credit toward this requirement. The usual year for a course to be studied is indicated after each course description.

The Revelation of Jesus Christ in Scripture (9--required) (.5 credit)

The purpose of this course is to give students a general knowledge and appreciation of Sacred Scripture. In the course they will learn about the Bible, authored by God through Divine inspiration, and its value to people throughout the world. Students become familiar with the major sections of the Bible and the books included in each section. Through a broad survey of salvation history focusing on the Old Testament, they come to encounter the living Word of God, Jesus Christ. They will learn how the Church instructs us to read and interpret the Bible through authoritative documents, and explore the relation of the Bible to science and history

Who is Jesus Christ? (9--required) (.5 credit)

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, and the Second Person of the Blessed Trinity. In this course students come to understand that Jesus Christ is the ultimate Revelation to us from God. The course concentrates especially on the writings of the New Testament, with emphasis on the mystery of the Incarnation and the teachings of Jesus. In learning about who Jesus is, the students also learn who he calls them to be.

The Mission of Jesus Christ: The Paschal Mystery (10--required) (.5 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 learn that for all eternity God planned to share eternal happiness with us. This can be traced through God's promise, lived out in historical covenants, and fulfilled in Christ through the Paschal Mystery. Thus, the mission of Jesus is to establish the Kingdom of God on earth, so that the will of God for all humanity might be fulfilled. Through the Paschal Mystery, Jesus brings life out of death in the whole unfolding of redemption, from the darkness of sin to the glory of resurrection. Students are introduced to the moral implications of what it means to be a disciple of Christ, the universal call to holiness and the need for every individual to develop a relationship with God in prayer.

Jesus Christ's Mission Continues in the Church (10--required) (.5 credit)

The purpose of this course is to help students understand that in and through the Church, the living Body of Christ, they encounter the living Jesus Christ, and that this has been true throughout history. They are introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by him through the Holy Spirit. They study the sacred nature of the Church as revealed by the biblical images describing it and the marks of the church as one, holy, catholic, and apostolic. The course perspective includes the Church in the world throughout its more than 2000 years of history, its structure and offices, and the implications for vocations in the life of a believer. Students study how the Church serves as the ordinary means of salvation for believers who are enriched by the sacraments and a life of prayer as members of the Body of Christ living in the world, proclaiming the Lord Jesus to all in the world through lives of holiness in imitation of Christ.

Sacraments: Privileged Encounters with Jesus Christ (11--required) (.5 credit)

The purpose of this course is to help students understand the sacramental nature of the Church. They will learn that they can encounter Christ today in a full and real way in and through the sacraments, and especially through the Eucharist. Students will examine each of the sacraments in detail so as to learn how they may encounter Christ throughout life in order to advance toward the perfection of charity, participate in Jesus' call to conversion and healing, and learn how they may live as members of the Body of Christ in a variety of vocations according to the gifts of the Holy Spirit.

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Vocations: Responding to the Call of Jesus (11--required) (.5 credit)

The purpose of this course is to help students understand the vocation of life: how Christ calls us to live. In this course, students are helped to learn how all vocations are similar and how they differ. The course is structured around married life, single life, priestly life, and consecrated life. Students learn what it means to live life for the benefit of others, and study the importance of discernment in preparation for all vocations, as well as the sacramental support for living out a Christian vocation.

Morality: Life in Jesus Christ (12--required) (.5 credit)

The purpose of this course is to help students learn moral concepts and precepts that govern the lives of Christ's disciples, so they may be more fully able to live out his command to love. Students study the reality of sin, its nature and consequences, and the power of God's love and grace to overcome sin. They reflect upon God's self-revelation, our response, the teachings of the 10 Commandments, the beatitudes, the precepts of the Church, and the role of grace, virtue, the gifts of the Holy Spirit, prayer, the sacraments, and conscience formation in answering the call to holiness.

History of the Catholic Church (12--required) (.5 credit)

This course will supply students with a general knowledge of the Catholic Church's history from apostolic times to the present. Students will be introduced to the fact that the Church was founded by Christ through the Apostles and is sustained by Him throughout history through the Holy Spirit. They will come to know that the Church is the living Body of Christ today and, as such, has both divine and human elements. Students will learn about the Church's 2,000 years of history and about how the Church is led and governed by the successors of the Apostles.

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World Languages

- *The world language requirement is fulfilled by earning 2 credits in the same world language at Seton in consecutive years.*

Chinese Mandarin I (1 Credit)

This is the beginning course in Chinese Mandarin. This class offers exciting, practical and hands on experiences with Chinese Mandarin language and culture. The curriculum's emphasis and focus is on learning fundamental vocabulary, pronunciation, grammar, conversation, listening, reading, speaking, writing, calligraphy, written characters, songs, games, culture courses, and arts and crafts, all closely related to the learning goal of the day. Students have the opportunity to practice the target language through prayer, recitation, dialogue, song, presentations, educational games, films, special activities and computer programs, which will be continued at the next level.

Chinese Mandarin II (1 Credit)

Prerequisite: successful completion of Mandarin I or appropriate score on placement test.

This course builds on the vocabulary, course and concept of Chinese Mandarin I and expands and advances to learn more by practicing and utilizing new vocabulary, pronunciation, grammar, conversation, listening, reading, speaking, writing, calligraphy, written characters, songs, games, culture courses, and arts and crafts, all closely related to the learning goal of the day. Students will complete the next level textbook and workbook for this course. Students continue to achieve success of studying the target language through prayer, recitation, dialogue, song, presentations, educational games, films, computer programs and special activities and projects.

Chinese Mandarin III (1 Credit)

Prerequisite: successful completion of Chinese Mandarin II or appropriate score on placement test.

This course builds on the vocabulary, course and concept of Mandarin Chinese II and expands and advances to learn more by practicing and utilizing new vocabulary, pronunciation, grammar, conversation, listening, reading, speaking, writing, calligraphy, written characters, songs, games, culture courses, and arts and crafts, all closely related to the learning goal of the day. Students continue to the next level textbook and workbook for this course. Students further achieve success of studying the target language through prayer, recitation, SAT preparation, dialogue, song, presentations, power point presentations, educational games, films, computer programs and special activities and projects.

Chinese Mandarin IV (1 Credit)

Prerequisite: successful completion of Chinese Mandarin III or appropriate score on placement test.

This course builds on the vocabulary, course and concept of Mandarin Chinese III and expands and advances to learn more by practicing and utilizing new vocabulary, pronunciation, grammar, conversation, listening, reading, speaking, writing, calligraphy, written characters, songs, games, culture courses, and arts and crafts, all closely related to the learning goal of the day. Students continue to the next level textbook and workbook for this course. Students further achieve success of studying the target language through prayer, recitation, SAT preparation, dialogue, song, presentations, power point presentations, educational games, films, computer programs and special activities and projects.

French I (1 credit)

This is a beginning course in basic French. Emphasis is on learning to communicate in French (speaking and writing) as well as to understand written and spoken French. Students have the opportunity to practice the target language through prayer, speaking activities, dialogues, storytelling, games, and by reading and hearing authentic materials from France and French-speaking countries. Students will attend the language lab on a weekly basis to reinforce listening and speaking skills. The course is taught entirely in French with important notes and information written on the board in English and the teacher will use gestures and cognates to facilitate understanding. Students undertake two major projects. In the first semester, students will create a photo album describing their family. In the second semester, students will research a Paris monument. Students will also do a series of writing assignments about themselves, which form a personal album to be continued at the next level. Students participate in Foreign Language Week and the National French Exam: *Le Grand Concours*. Students will have the opportunity to participate in the ASU Foreign Language Fair in the Novice Poem Recitation competition.

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French II (1 credit)

Prerequisite: successful completion of French 1 or appropriate score on placement test

This course builds on the vocabulary and concepts of French 1. The emphasis is on putting into practice the vocabulary, grammar, structures and verbs learned through continued listening, speaking, reading and writing. Students continue to practice the target language through prayer, role-play, songs, speaking activities, weekly discussion boards and creating short videos. Students will attend the language lab on a weekly basis to reinforce listening and speaking skills. Students undertake two major projects. The course is taught entirely in French. Students participate in Foreign Language Week and the National French exam (*Le Grand Concours*) Students will have the opportunity to compete at the ASU Foreign Language Fair in the Novice Poem Recitation competition.

Honors French II (1 credit)

Prerequisite: successful completion of French 1 and teacher recommendation

This course builds on the vocabulary and concepts of French 1. Concentration will be on developing the ability to understand written and spoken French as well as the ability to communicate verbally and in writing. At the end of the course, students should be able to maintain a conversation, be able to discuss, verbally and in writing, topics relating to him or herself, family, pets, activities he/she enjoys and does not enjoy, be able to discuss future plans and talk about past events. Grammar topics include verbs, direct and indirect object pronouns, passé composé and l'imparfait. Students will be able to read and discuss infographics, short stories, short articles and descriptions of people and things. The course is taught entirely in French. The goal of this class is for students to be at the Novice High level of performance: speaking in sentences on a range of topics students know well. Students participate in the National French Exam, and will have the opportunity to compete at the ASU Foreign Language Fair in the spring in the Novice Poem Recitation competition.

Honors French III (1 credit)

Prerequisite: successful completion of French 2 and teacher recommendation

This advanced class requires college level work and commitment. The course is taught entirely in French. Language skills from previous levels are reviewed and more advanced verb tenses are introduced. Students use the most common verb tenses, including literary tenses, and read newspaper and magazine articles as well as study literary works. Major projects include research of persons, events and monuments of historical and/or cultural importance. Students prepare oral and written stories write compositions on assigned topics. Students continue to attend the language lab to reinforce listening and speaking skills but will also listen to French news reports and podcasts. Students continue their participation in Foreign Language Week. Students will be participating in the ASU Foreign Language Fair by writing a class a play in French and performing it at ASU.

Advanced Placement French IV (1 credit)

This course enhances the student's ability to understand spoken French in various contexts; to acquire a French vocabulary sufficiently ample for reading newspaper and magazine articles, literary texts, and other non-technical writings; and the ability to express oneself coherently, resourcefully and with reasonable fluency and accuracy in both written and spoken French. The course is taught entirely in French and students are highly encouraged to use French in and outside the classroom. The course seeks to develop reading, writing, listening and speaking skills that can be used in various activities and disciplines, and to train in organizing and writing compositions (usually one essay every 2 weeks). During the course of the year students will take at least four practice AP exams so that they know what is expected from them. This includes timed essay writing, listening to questions and recording their answers in the language lab. Students may take the AP exam in May to obtain college credit.

Latin I (1 credit)

Dual enrollment available for 3 college credits through Seton Hill University

The Latin course encompasses an introduction to reading skills. It also stresses studying the lives the ancient Romans, which include their history, religion, customs and architectural wonders. The importance of the Latin language in the modern world is emphasized.

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Latin II (1 credit)

Prerequisite: successful completion of Latin 1 or appropriate score on placement test

Dual enrollment available for 3 college credits through Seton Hill University

In the Latin 2 course, students continue to gain familiarity with grammar, syntax, vocabulary and global reading skills. The course also furthers their knowledge of the lives of the ancient Romans. Additionally the students examine in detail how the ancient world has impacted the modern world, including how Latin helps us read.

Honors Latin II (1 credit)

Prerequisite: successful completion of Latin 1 and teacher recommendation or appropriate score on placement test.

Dual enrollment available for 3 college credits through Seton Hill University

In the Latin 2 course, students continue to gain familiarity with grammar, syntax, vocabulary and global reading skills. The course also furthers their knowledge of the lives of the ancient Romans. Additionally the students examine in detail how the ancient world has impacted the modern world. Finally, in order to prepare students for advanced study, students will be required to compose short stories or compositions.

Honors Latin III (1 credit)

Prerequisite: successful completion of Latin 2 or Honors Latin 2 and teacher recommendation or appropriate score on placement test.

Dual enrollment available for 3 college credits through Seton Hill University

This course provides an opportunity for students to read Latin in the original text. Students study the following Latin literature genres: mythology, love poetry, history, oratory, theater and medieval works. They read the works in Latin, analyzing the literature critically and analytically. Different figures of speech and poetic devices are analyzed as they apply to the work. The historical and mythological background under which the works were written is pursued. Since this course will be deemed “pre-AP”, students will be required to write analytical essays about the genres read to prepare them for the AP Latin.

AP Latin IV (1 credit)

Prerequisite: successful completion of Latin 3 or Honors Latin 3 and teacher recommendation or appropriate score on placement test.

Dual enrollment available for 3 college credits through Seton Hill University

The Advanced Placement Vergil course provides an opportunity for students to study the *Aeneid* by Vergil and *De Bello Gallico* by Caesar. The aims of the course **are in general conformity with college Latin studies in the fourth through sixth semesters**. Students read the works in Latin and in English, analyzing the works critically and analytically. Students also learn about different figures of speech and poetic devices as they apply to the work. The historical and mythological background under which the poem was written is pursued. Students who take this course will have the opportunity to take the AP Exam in May

Spanish I (1 credit)

In this course, students are exposed to approximately 1,000 vocabulary words and the basic points of Spanish grammar. They develop skills in reading, writing, listening to and speaking basic Spanish. Students also gain an awareness of Hispanic culture through current articles, videos, internet/CD-ROM sources and parts of the text and workbook.

Spanish II (1 credit)

Prerequisite: successful completion of Spanish I or appropriate score on placement test

This is a continuation of Spanish 1 in which emphasis is placed on putting into practice the vocabulary, grammar, structures, idioms and verbs learned through increased speaking, reading, writing and listening.

Honors Spanish II (1 credit)

Prerequisite: successful completion of Spanish 1 or appropriate score on the placement test and recommendation of a Spanish teacher

This is a continuation of Spanish 1 in which emphasis is placed on putting into practice the vocabulary, grammar, structures, idioms and verbs learned through increased speaking, reading, writing and listening. In this accelerated

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class, the learning proceeds at a faster pace than in a regular class, allowing more time for speaking in the target language and practicing writing skills. The students are also exposed to authentic reading materials.

Spanish III (1 credit)

Prerequisite: successful completion of Spanish 2 and teacher recommendation

This course builds on the language skills of Spanish 1 and 2 and introduces new and more complex grammatical structures, and higher level listening and speaking activities. Cultural and literary appreciation is promoted through the reading of Spanish and Latin American stories. Second semester students take the National Spanish Examination.

Honors Spanish III (1 credit)

Prerequisite: successful completion of Spanish 2 and teacher recommendation

This course builds on the foundation established in Spanish 1 and 2. It includes an important cultural component of Latin music and media. Spanish and Latin American literature is introduced and studied as well. There are regular oral presentations and written compositions. The learning experience at this level is more intense than in regular Spanish 3.

Advanced Placement Spanish Language IV (1 credit)

Prerequisite: successful completion of Spanish 3 or Honors Spanish 3 and teacher recommendation

This course builds on the foundation established in Spanish 1-3. It reviews all language skills and provides multiple levels of authentic comprehensible input through various types of readings. Students are expected to take the AP exam administered in May. From the AP Central course description: "AP Spanish Language is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. Students who enroll should already have a basic knowledge of the language and cultures of Spanish-speaking peoples and should have attained a reasonable proficiency in using the language."

Advanced Placement Spanish Literature (1 credit)

Prerequisite: successful completion of AP Spanish Language 4 and a strong commitment and effort to produce quality, college-level work

This is a college level survey of Spanish and includes Spanish American literature. Students read and learn to analyze literary texts from throughout the Spanish-speaking world, from the Middle Ages in Spain to the contemporary era of Hispanic literature in the United States. They also learn literary terms and language needed to engage in literary analysis of prose, poetry and drama. To facilitate their comprehension of the readings, they study the historical and cultural background of the different literary periods they examine. Through guided practice they develop their literary skills and practice writing essays following the format required on the actual advanced placement exam. They write timed essays, and for this purpose, questions that were given on the former AP Spanish literature exams are used for practice. Students are required to take the AP Spanish literature exam in May.

Conversational Spanish (1 credit)

Prerequisite: successful completion of Spanish 3

The class periods are spent in conversation, focused on intensive review and practice of vocabulary and grammar. Instead of a heavy emphasis on written drills, the emphasis is on students' producing language after reading and viewing short films. Lessons are based on grammatical concepts and include topics of Hispanic culture, current events, television, film, music and the arts. Students complete research on topics and bring back oral presentations to the class. The students are prepared with points for discussions and opinions on a variety of topics and then debated in class. Students also create and present scenes from plays and films as well as original dialogues and improvisation exercises. The Spanish language is used for all presentations, discussions, debates and conversations.

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Miscellaneous Elective

Teacher Assistant (11- 12) (.25 credit; this course may be repeated)