

PALMA SCHOOL

KNOWLEDGE • SERVICE • LEADERSHIP



COURSE CATALOG

2022-23



MISSION

Palma is dedicated to providing young men an excellent college-preparatory education in a Roman Catholic environment that embraces the Essential Elements of an Edmund Rice Christian Brother Education and challenges each individual to develop spiritually, intellectually, morally, physically and socially.



PHILOSOPHY

Palma is a private college-preparatory school, sponsored by the Christian Brothers Institute of California, Inc., whose purpose is to educate boys in grades six through twelve. Palma seeks to give a quality Catholic education to the young men of the area by offering them the opportunity to prepare themselves to enter institutions of higher learning. As an extension of the family, Palma promotes the educational mission of the Roman Catholic Church through the formation and harmonious development of the whole person by challenging the young man to grow spiritually, intellectually, physically, socially, and morally in light of Luke 2:52, "Jesus, for his part, progressed steadily in wisdom and age and grace before God and men." The Christian Brothers, along with their lay colleagues, endeavor to influence the young men placed in their care by parents; the faculty and staff undertake this effort with the same vision Brother Edmund Rice had when he began his outreach to the poor in Ireland more than two hundred years ago. Palma, as a Catholic school directed by the Christian Brothers, is missioned to evangelize and to catechize by fulfilling the four apostolic goals: spreading the Gospel message, building a faith community, celebrating the faith, and performing service to those in need.

CONTENTS

Course Sequence: Junior High School.....	3
Course Sequence: High School.....	4
High School Offerings and Course Load Minimums.....	4
Sequence of Math Courses.....	5
Planning for College.....	6
Departments	
English.....	7
Fine Arts.....	10
Mathematics.....	13
Physical Education.....	17
Science.....	19
Social Studies.....	22
Theology.....	25
World Languages.....	27
Other Courses.....	31

All elective courses are offered pending sufficient requests.

Course Sequence: Junior High School

Typical Projection of Course Offerings

6th Grade	7th Grade	8th Grade
Religion 6	Religion 7	Religion 8
Language Arts 6	Language Arts 7	Language Arts 8
History 6	American History	English 8 / World Language ¹
Life Science	Physical / Earth Science ²	Physical / Earth Science ²
Mathematics 6	Mathematics ³	Mathematics ⁴
Enrichment ⁵	Elective ⁶	Elective ⁶

¹ Enrollment in a World Language class in grade 8 is contingent on approval from seventh-grade teachers. Students whose writing and comprehension skills would benefit from additional support are enrolled in English 8.

² These two science classes run during alternate years; all students in grades 7 and 8 take both over a two-year course of study.

³ Students in grade 7 take General Math or Pre-Algebra depending on previous math grades, teacher recommendations, and placement test results.

⁴ Students in grade 8 take Pre-Algebra or Algebra 1 depending on previous math grades, teacher recommendations, and placement test results.

⁵ Enrichment period for grade 6 consists of P.E., Spanish, technology, and other subjects not taken daily.

⁶ A daily P.E., art, or band class is taken as an elective for students in grades 7 and 8. Art and band classes run only if there are sufficient enrollment requests. Students in grade 7 may also be approved for enrollment in Spanish for Native or Near-Native Speakers, a five-credit supplemental class that meets during zero period.



Course Sequence: High School

240 High School Credits Required for Graduation

Subject	Credits	Regular / Honors / AP of each of the following classes must be completed
Social Studies	30	World History / U.S. History Government (1 semester) / Economics (1 semester).
Science	30	Biology plus two other high school science courses, one of which must be either Chemistry or Physics.
Mathematics	30	Three years minimum in high school — All students must complete Algebra I, Geometry and Advanced Algebra.
English	40	English I / English II / English III or AP English Language & Composition English IV or AP World Literature.
Fine Arts	10	All department courses meet graduation requirements.
World Languages	20	A minimum of two years of the same language other than English.
Theology	40	All department courses meet graduation requirements.
Physical Education	20	All department courses and/or participation in Palma athletics meet graduation requirements. All freshman must complete a semester-long health course.
Electives	20	Twenty (20) additional credits are needed to earn the minimum 240 high school credit requirement.

Additional Requirements

- **Standardized Testing Required Exam —**
ACT (American College Testing). This test must be taken in the spring of a student's Junior year or the fall of a student's Senior year.
- **Community Service —**
A minimum of 60 hours of approved community service must be completed by May 1 of a student's Senior year.
- **Retreats —**
Attendance at one retreat per grade level each year; retreats occur during school hours.

Typical Projection of Course Offerings

Freshmen	Sophomores	Juniors	Seniors
Theology	Theology	Theology	Theology
English	English	English	English
Mathematics	Mathematics	Mathematics	Elective*
Science	Science	Science	Elective*
World Languages	World Languages	Elective*	Elective*
Physical Education 9/Health	World History	US History	Economics/US Government

*Students must take a minimum of one full year of a Fine Arts elective for a grade. Students who have not participated in a season of Palma athletics during sophomore, junior or senior year must enroll in a Health/PE elective during their senior year.

High School Course Load Minimums

Freshmen	Sophomores	Juniors	Seniors
60 Credits	60 Credits	60 Credits	50 Credits (60 if the student has not earned at least 190 credits before senior year)

Sequence of Math Courses

First course in grades 7, 8 and 9 depends on:

- Entrance Test scores (Standardized and/or Palma Specific)
- Previous school math teacher recommendation
- Letter grades / title of previous math course
- Approval of admissions committee

To move into/stay in an Honors level for the following year:

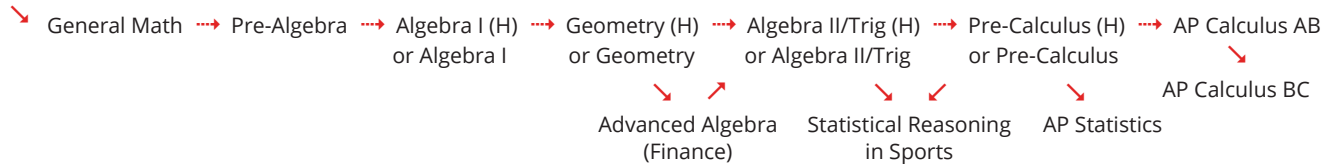
- Generally, students need a minimum grade of A- and the recommendation of the teacher in a regular level class to move into an Honors level class for the following year
- Generally, students need a minimum grade of B and the recommendation of the teacher in an Honors level class to again enroll in an Honors level class for the following year

Geometry summer school course:

The Geometry summer school course is an intensive 10-credit course open to qualified pre-approved students who have completed Algebra I. Successful completion of the summer course would allow a student to enroll in Algebra II/Trig in the following year with approval of the instructor.

The full sequence of course offerings for grades 6 through 12:

Math 6



Planning for College

California State University (CSU)

Eligibility for admission to the California State University is based on three criteria:

- college prep coursework completed with grades of C or better
- grade point average (GPA)

Some “impacted” campuses of the California State University system are highly competitive, and meeting minimum eligibility does not ensure admission to these particular campuses. Students meeting minimum eligibility will be admitted to non-impacted campuses to which they apply.

University of California (UC)

Eligibility for admission to the University of California is based on these criteria:

- a minimum of 15 college prep courses completed with grades of C or better
- grade point average (GPA)
- overall student achievements: honors, special talents, senior schedule, extracurricular activities

The University of California system is highly competitive, and meeting minimum eligibility does not ensure admission to a particular campus.

CSU-UC Comparison of Minimum Eligibility Requirements for Freshmen

	California State University (CSU)	University of California (UC)
HIGH SCHOOL GPA	Calculate GPA using only “a-g” approved courses taken after the 9th Grade. All “a-g” courses and grades must be reported.	
SUBJECT REQUIREMENTS	Fifteen year-long college preparatory courses from approved “a-g” list are required.	
a History / Social Science	Two years of History/Social Science, including one year of U.S. History OR one semester of U.S. History and one semester of American Government, <i>AND</i> ... One additional year of History/Social Science from the “a” or “g” subject area (CSU).	One year of World History, Cultures and Geography from the “a” subject area (UC).
b English	Four years of English (including no more than one year of ESL/ELD courses).	
c Mathematics	Three years of Mathematics (Algebra I and II, Geometry); four years recommended.	
d Laboratory Science	Two years of Laboratory Science, including at least two of the three foundational subjects of Biology, Chemistry, and Physics. At least one year of Physical Science and one year of Biological Science, one from the “d” subject area: and the other from the “d” or “g” area* (CSU).	Both courses must be from the “d” subject area: three years recommended (UC).
e Language (other than English)	Two years of Language other than English (must be the same language). Three years recommended (UC).	
f Visual and Performing Arts	One year-long course in Visual or Performing Arts (selected from Dance, Music, Theatre/Drama and Visual Arts).	
g College Preparatory Electives	One year of an elective chosen from any area on approved “a-g” course list.	
HONORS POINTS	Maximum of eight extra grade points awarded for UC approved Honors, AP, or IB courses and transferable community college courses. No more than two year-long UC approved Honors or AP courses taken in 10th Grade can earn honor points.	

Concurrent Enrollment Courses

With approval from the vice principal and a guidance counselor, students may be allowed to complement their course of study at Palma by taking classes at a community college. These classes may be taken to get a head start on earning college credit or, in certain instances, may also be added to the student’s high school transcript. Please contact the Guidance Department for more information.

Departments

English

The English Department offers an articulated program through which students come to understand that all areas of English language study are interrelated and become aware of the necessity of communication and thinking skills in all aspects of their lives. The course of studies in English is designed to foster a sequential development in reading, writing, speaking, listening and thinking skills. The course of studies emphasizes the language skills necessary for success in a global technological world. All courses seek to encourage skills as they help to promote the development of the whole Christian man as detailed in the *Essential Elements of an Edmund Rice Christian Brother Education*.

Language Arts 6

Prerequisite: 6th Grade standing

Junior High

Credits: 10

This course focuses on four areas of study: grammar and usage, vocabulary, writing, and literature. Literary genres studied include novels, Greek mythology, short stories, nonfiction, and poetry. Reading strategies and critical thinking skills will constitute the main elements of reading instruction. Students will also write, edit, and revise narrative, informative and persuasive paragraphs. The overall goal of the class is to raise the literacy and the writing ability of students.

Language Arts 7

Prerequisite: 7th Grade standing

Junior High

Credits: 10

This course focuses on four areas of study: grammar and usage, vocabulary, writing and literature. Literary genres studied include novels, short stories, nonfiction, drama and poetry. The goal by the end of the course is for students to incorporate course material and critical thinking skills into well-structured, well-reasoned and coherent paragraphs. During the summer, students are required to read one or more assigned books and are assessed on the material at the beginning of the school year.

English 8

Prerequisite: 8th Grade standing

Junior High

Credits: 10

With approval of the Language Arts 7 instructor, students may take a first-year world languages class instead of English 8

Designed as a complement to Language Arts 8, this course continues the study of basic elements of grammar and composition. The course also includes a vocabulary building program that emphasizes pronunciation, spelling and analytical skills. Paragraph-construction skills and creative writing are reinforced.

Language Arts 8

Prerequisite: 8th Grade standing

Junior High

Credits: 10

Building on Language Arts 7, this course continues to help students become active readers who think critically. Many types of writing are studied, including novels, short stories, nonfiction, drama and poetry. The course also includes instruction on conducting research and formatting research papers. During the summer, students are required to read assigned books and are assessed on these books at the beginning of the school year.

Departments – English *(continued)*

English IA

UC/CSU: B

Prerequisite: Results of Palma's placement exam and/or recommendation of previous English teacher

Credits: 10

This course focuses on four areas of study: grammar and usage, vocabulary, writing and literature. Literary genres studied include novels, short stories, nonfiction, drama and poetry. The goal by the end of the course is for students to incorporate course material and critical thinking skills into well-structured, well-reasoned, and coherent five-paragraph essays. During the summer, students are required to read assigned books and are assessed on these books at the beginning of the school year.

English I Honors

UC/CSU: B

Prerequisite: Results of Palma's placement exam and/or recommendation of previous English teacher

Credits: 10

Along with a thorough study and mastery of the subject areas covered in English IA, additional work is included according to the ability of the student. Prose fiction and nonfiction, drama and poetry are studied in more depth. During the summer, students are required to read assigned books and are assessed on these books at the beginning of the school year.

English II

UC/CSU: B

Prerequisite: English IA

Credits: 10

This course concentrates on four specific areas: composition, the research paper, vocabulary and literature. In the area of composition, the course includes in-depth work on writing multi-paragraph essays and research papers. In the area of reading, considerable time is spent on the short story, drama, poetry and the novel. During the summer, students are required to read assigned books and are assessed on these books at the beginning of the school year.

English II Honors

UC/CSU: B

Prerequisite: "B" grade or better in English I Honors or "A" grade in English IA, and permission from the English instructor

Credits: 10

This course concentrates on four specific areas: composition, the research paper, vocabulary and literature. In the area of composition, the course includes in-depth work on writing multi-paragraph essays and research papers. In the area of reading, considerable time is spent on the short story, drama, poetry and the novel. During the summer, students are required to read assigned books and are assessed on these books at the beginning of the school year.

English III

UC/CSU: B

Prerequisite: English II

Credits: 10

This course is a survey of American literature corresponding to U.S. History. Readings in prose, poetry, drama and nonfiction broaden and deepen themes prevalent in our nation's past. Writing emphasizes analysis and critical thinking, thesis development, claims and counter claims, and fluency in style with added variety in syntax. Vocabulary building is assigned regularly. During the summer, students are required to read assigned books and are assessed on these books at the beginning of the school year.

AP English Language & Composition

UC/CSU: B

Prerequisite: "B" grade or better in English II Honors or "A" grade in English II, and permission from the English instructor

Credits: 10

This course is an intensive study of rhetoric and composition. The class delves extensively into works of nonfiction and a few works of fiction. At times the vocabulary and grammatical construction are taxing and the passages demand more of the student's time and effort to gain comprehension. Students are required to take the AP English Language and Composition exam, which is administered at the end of the Junior year. During the summer, students are required to read assigned books and are assessed on these books at the beginning of the school year.

English IV

UC/CSU: B

Prerequisite: English III

Credits: 10

This course concentrates on an extensive study of literature along with development of composition and critical thinking skills. The survey of works includes the study of poetry, prose fiction and nonfiction and drama. Students read a number of novels and plays. Composition study stresses the response to the literature and the development of literary analysis. Vocabulary, listening and speaking skills are also developed. During the summer, students are required to read assigned books and are assessed on these books at the beginning of the school year.

English IV Honors

UC/CSU: B

Prerequisite: "B" grade or better in English III Honors or "A" grade in English III, and permission from the English instructor

Credits: 10

This course concentrates on an extensive study of literature and close reading skills and explication of texts. Writing assignments require the students to approach works from different critical perspectives. The readings include the study of poetry, prose fiction and nonfiction and drama. Students read a number of novels and plays. During the summer, students are required to read assigned books and are assessed on these books at the beginning of the school year.

AP English Literature & Composition

UC/CSU: B

Prerequisite: "B" grade or better in AP English Language & Composition and permission from the English instructor

Credits: 10

This course concentrates on an in-depth analysis of works by a variety of authors from around the world and includes the study of representative pieces drawn from diverse literary forms: poetry, short stories, novels and drama. The class also emphasizes the continued development of writing and analytical skills. Students are required to take the AP English Literature and Composition exam at the end of their Senior year. During the summer, students are required to read assigned books and are assessed on these books at the beginning of the school year.

Departments

Fine Arts

The Art Department is missioned to provide students the skills, knowledge, and understanding necessary to experience the visual and performing arts. Students will be taught and evaluated on eight essential learning outcomes for each arts class. Creativity, intellectual curiosity, and creative thinking are encouraged. Students will be motivated to take an active interest in developing and maintaining an appreciation of all art forms.

Visual Arts

Junior High Studio Art

Prerequisite: 7th or 8th Grade standing

Junior High

Credits: 10

In this course students explore the basic fundamentals of visual art and design. Line, color, value, shape, space, form and texture will be taught in a sequential manner as well as drawing techniques, color theory, composition and 3-D sculpture. This course does not meet the High School art requirement. *Course offered pending sufficient requests.*

Digital Art

Prerequisite: Approval of art instructor

UC/CSU: F

Credits: 10

An introduction to the fundamentals of digital art, including history, social impact, career options and industry trends. Students will apply visual and aural aesthetic-design principles in the hands-on exploration of the digital art tools of typography, graphics, digital imaging, animation, full motion video, and digital media interface design. Students will analyze the essential topics of interactivity, media development process, and the applications and future directions of the digital arts.

Film Studies

Prerequisite: 11th or 12th Grade standing

UC/CSU: F

Credits: 10

Students in this course study film as both an art and a means of communication. They are taught to “read” a film, analyzing its narrative structure, genre conventions, subtext, technical and artistic factors and purpose. The emphasis is on the various techniques used by filmmakers to convey meaning. This course also introduces traditions of film making, as well as the history of cinema. In addition, students examine how films often reflect the times and conditions in which they are made, and conversely, how motion pictures sometimes help shape attitudes and values in society. Along with film analysis the students create short film-related projects. *Scheduling Note: This class may be scheduled as a three-hour evening class each week. If taught as an evening class and if enrollment space allows, this course may include students from Notre Dame High School.*

Departments – Fine Arts *(continued)*

Studio Art

Prerequisite: None

UC/CSU: F

Credits: 10

Students in this course explore the fundamentals of pictorial design and composition, and how art is used as a means of personal expression. Using various media, students learn textures, rendering forms, shading, and one-, two- and three-point perspective. Painting principles are introduced; students develop a color wheel, color scales, and compositions that illustrate atmospheric perspective and the effects of complementary colors and color chords. In addition to drawing and painting, students create images using the linocut printmaking process. Important artists from the past and present are introduced as examples of excellence, and students are encouraged, through specific assignments, to develop their own artistic vocabulary to facilitate effective visual communication.

AP Studio Art 2-D Design

Prerequisite: Studio Art and approval of art instructor

UC/CSU: F

Credits: 10

The AP Studio Art 2-D Design course was created for students who are seriously interested in the practical experience of art. This course addresses the student's ability to recognize quality in his work. Students learn to concentrate on a sustained investigation of a particular visual interest or problem. They will also explore a range of approaches to the formal, technical and expressive means of the artist. At the end of the year, students will submit a portfolio of their artwork (following specific guidelines) to the AP Board for review. *Course offered pending sufficient requests.*

Performing Arts

Junior High Band

Prerequisite: Approval of music instructor

Junior High

Credits: 10

This is a music course designed to introduce students to the basics of performing on a wind or percussion instrument. Basic techniques and fundamentals of each student's instrument will be covered in a effort to provide a solid musical foundation for later participation in the Symphonic Band and Jazz Ensemble, and also for a lifetime of musical involvement and understanding. *Course offered pending sufficient requests.*

Audio Production

Prerequisite: None

UC/CSU: F

Credits: 10

This course combines elements of MIDI and digital audio, and recording acoustic instruments. Waveform theory, sample rates, conversion, file formats, digital signal processing and other digital audio theory will be studied and applied through the recording of performances, sound design and film scoring. Students will study the fundamentals of MIDI sound production using virtual synthesizers. Students will be introduced to digital audio production using Pro Tools. *Course offered pending sufficient requests.*

Departments – Fine Arts *(continued)*

Jazz Ensemble

UC/CSU: F

Credits: 10

Prerequisite: Approval of music instructor

This is a music-performance class with two goals: the introduction of basic jazz techniques, including improvisation and the performance of standard Jazz/Big Band repertoire. The ensemble consists of standard Big Band instrumentation: alto, tenor and baritone saxophones, trumpets, trombones, guitar, bass, piano and drums. The ensemble performs home concerts, but also performs at school events, community functions and concert festivals. Each year the band makes a trip to perform outside our immediate region. This course, as enrollment space allows, may include students from Notre Dame High School.

Symphonic Band

UC/CSU: F

Credits: 10

Prerequisite: Approval of music instructor

This is a music performance class with three aspects: to introduce the students to the fundamentals of music; to improve the students' musical proficiency; and to form an ensemble that will be exposed to a variety of band literatures. The band performs two home concerts, as well as performs at school rallies, athletic events, community functions and concert festivals. Each year the band makes a trip to perform outside our immediate region. This ensemble is considered the core of the Palma High School Band program. This course, as enrollment space allows, may include qualifying students from Notre Dame High School.



Departments

Mathematics

The mission of the Mathematics Department at Palma School is to strengthen each student's background with a math education that is essential for progressive and continuing development throughout his academic and professional careers. Emphasis is placed on achieving intellectual discipline, mastery of reasoning, understanding of math concepts, skill in practical applications of mathematics and appreciation for the role of mathematics in daily life. The goal is to instill in each student a problem-solving mindset resulting in a student who knows how to think and reason.

Math 6

Prerequisite: 6th Grade standing

Junior High

Credits: 10

This class is a foundational class to help students build their understanding and fluency with basic math computational skills. Topics that will be covered include operations with positive integers, fractions and decimals, and an introduction into measurements, ratios, percentages, basic geometry, areas and applications to real world problems.

General Math

Prerequisite: Results of Palma's entrance exam

Junior High

Credits: 10

This course is designed to help students continue to develop their number sense, computational skills and the ability to apply this knowledge to problem solving situations. The topics covered include integers, decimals, fractions, percentages, graphs, measurement, ratio and proportion, consumer math, basic geometry concepts, area and volume, probability and introduction to algebra.

Pre-Algebra

Prerequisite: Successful completion of General Math, and/or results of Palma's entrance exam and/or recommendation of current Math instructor

Junior High/Grade 9

Credits: 10

The emphasis in this course is a gradual and thorough preparation for the first year of Algebra. The topics covered are: exponents, integers, factors, ratios, graphing, area and volume, square roots and word problems. Students will learn to solve degree one level equations and inequalities and also study properties of real numbers.

Algebra I

Prerequisite: 8th Grade or above standing, successful completion of Pre-Algebra course and/or results of Palma's entrance exam and/or recommendation of current Math instructor

UC/CSU: C

Credits: 10

This course covers the following concepts: variables, exponents, linear equations, polynomials, word problems, factoring, algebraic fractions, rational and irrational numbers, radical expressions and quadratic equations. Students will also study properties of real numbers, scientific notation, statistics, and probability.

Algebra I Honors

UC/CSU: C

Credits: 10

Prerequisite: "A" grade average in Pre-Algebra and/or results of Palma's entrance exam and/or approval of current Math instructor

This course covers all the topics in Algebra I in greater depth. In addition to the topics listed in Algebra I, this Honors course includes linear regression, graphing functions through transformations, and the graphing of quadratic and exponential growth functions. It is designed for a student who plans to continue in advanced mathematics or a concentration in science. Students will also study properties of real numbers, statistics, and probability. Students may participate in math competitions.

Geometry

UC/CSU: C

Credits: 10

Prerequisite: Algebra I

This course develops the individual's ability to observe, analyze and reason in a logical manner within a mathematical system of terms, postulates and theorems. It covers the traditional topics: deductive reasoning and formal proofs, parallel lines and parallelograms, congruent and similar triangles, circles, constructions, coordinates, right triangles, area and volume. Algebra skills are reviewed and strengthened through problems that integrate algebraic and geometric concepts.

Geometry Honors

UC/CSU: C

Credits: 10

Prerequisite: "B" grade average in Algebra I Honors or an "A" grade average in Algebra I and approval of Math instructor

This course covers all the topics included in Geometry plus constructions; however, topics are covered in greater depth. It is designed for a student who plans to continue in advanced mathematics or a concentration in science.

Advanced Algebra With Financial Applications

UC/CSU: C

Credits: 10

Prerequisite: Successful completion of Algebra I, Geometry and approval of current Math instructor

Financial Algebra is a mathematical modeling course that is algebra-based, applications-oriented, and technology-dependent. The course addresses college preparatory mathematics topics from Advanced Algebra, Statistics, Probability, Pre-Calculus, and Calculus under seven financial umbrellas: Banking, Investing, Credit, Employment and Income Taxes, Automobile Ownership, Independent Living, and Retirement Planning and Household Budgeting. The course allows students to experience the interrelatedness of mathematical topics, find patterns, make conjectures, and extrapolate from known situations to unknown situations.

Algebra II/Trigonometry

UC/CSU: C

Credits: 10

Prerequisite: "B" grade average in Math; completion of both Algebra I and Geometry; score on Algebra II readiness exam in spring of current school year; approval of current Math instructor

Algebra II/Trigonometry helps students further develop their understanding of algebraic concepts and skills. Students will explore the use of coordinates and functions, data analysis, transformations, coordinate geometry, conic sections, systems of equations and inequalities, direct and inverse variation, exponential functions, quadratic functions and complex numbers, polynomial and rational functions, sequences and series, trigonometric functions and ratios.

Algebra II/Trigonometry Honors

UC/CSU: C

Prerequisite: "B" grade average in Algebra I Honors and Geometry Honors or an "A" grade average in Algebra I and Geometry; score on Algebra II readiness exam in spring of current school year; approval of current Math instructor Credits: 10

Algebra II has as its primary goal the achievement of student success by helping students further develop their understanding of algebraic concepts and skills. Students will explore the use of coordinates and functions, data analysis, transformations, coordinate geometry, conic sections, systems of equations and inequalities, statistics, probability, direct and inverse variation, exponential functions, quadratic functions and complex numbers, polynomial and rational functions, sequences and series, trigonometric functions and ratios.

Pre-Calculus

UC/CSU: C

Prerequisite: "B" grade average in Algebra II/Trigonometry and approval of current Math instructor Credits: 10

This course is designed to give the student a solid background for college Calculus by cementing together the topics taught in Algebra, Geometry and Trigonometry in greater depth. The new topics covered are: polar coordinates, sequence and series, vectors, limits and derivatives.

Pre-Calculus Honors

UC/CSU: C

Prerequisite: "B" grade average in Algebra II/Trigonometry Honors or an "A" grade average in Algebra II/Trigonometry and approval of current Math instructor Credits: 10

This course covers all topics included in Pre-Calculus; however, topics are covered in greater depth. It is designed for a student wishing to take Calculus as his next math course.

AP Statistics

UC/CSU: C

Prerequisite: "B" grade average in Pre-Calculus and approval of current math instructor Credits: 10

The AP Statistics course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes evident in the content, skills, and assessment in the AP Statistics course: exploring data, sampling and experimentation, probability and simulation, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

AP Calculus AB

UC/CSU: C

Prerequisite: "B" grade minimum in Pre-Calculus Honors or an "A" grade minimum in Pre-Calculus; approval of current Math instructor Credits: 10

This course is designed to prepare the student to sit for the AP Calculus AB Examination. The exam is a requirement of the course. Topics covered are: limits, derivatives and integrals, all within the AP framework for this level.

Departments

Physical Education

The Physical Education program is designed to encourage each student to commit to an active, healthy lifestyle. Instructors and coaches lead students in learning the importance of health and physical fitness and strive to develop life-long learners as well as fit, confident young adults who have the knowledge and motivation to make healthy lifestyle choices. Students are introduced to a basic knowledge of individual and team sports, conditioning and exercise, and healthy practices and beliefs. In PE and health classes and through participation in Palma's athletic programs, students experience a wide variety of recreational activities and explore many health topics including stress management, diet and nutrition, and substance abuse. Recreational activities include walking, running, weight training and a variety of team sports. The Palma Physical Education Department prepares students for college and life by instructing them to develop and refine motor skills, expand their fitness and strength through cardiovascular exercise, and increase their knowledge of health.

Junior High Physical Education

Prerequisite: 7th or 8th Grade standing

Junior High

Credits: 10

This course is an activity/participation-based course that introduces students to the fundamentals of team and individual activities, with an emphasis on the development of movement skills and knowledge, self-image and personal development, and social development.

Physical Education 9/9A

Prerequisite: 9th Grade standing

Credits: 5

This **semester-long course** is an activity/participation-based course that introduces students to the fundamentals of team and individual activities, with an emphasis on the development of movement skills and knowledge, self-image and personal development, and social development.

Health 9

Prerequisite: Required for all 9th Grade students

Credits: 5

This **semester-long course** emphasizes first-aid and CPR. Students also cover a variety of health topics including exercise, nutrition, energy systems, methods of strength training, personal care, sexual responsibility and sexually transmitted diseases, injury prevention and the various forms of licit and illicit drugs.

Physical Education 10A/11A/12A

Prerequisite: 10th, 11th, or 12 Grade standing

Credits: 10

To fulfill their PE graduation requirement, students may count one season of participation in one of Palma's extracurricular athletic programs for 10 credits during grade 10, 11, or 12. While students may participate in one or more sports during each of these years, credit will be awarded only once. Students will receive credit and a Pass/Fail grade at the end of the second semester of that year. *Note: Students who do not participate in a season of athletics at Palma during one of these three years will be required to take a PE/Health Sciences elective class their senior year.*

Departments – Physical Education *(continued)*

Physical Conditioning

Prerequisite: 11th or 12th Grade standing

Credits: 10

This course emphasizes weight training and physical conditioning in the following programs: health education, cardiovascular fitness, speed training, strength training, flexibility training, and agility training. This course is taken on a Pass/Fail basis.

Course offered pending sufficient requests.

Alternate Physical Education

Prerequisite: Long-term documented medical excuse

Credits: 5 to 10

This course provides instruction for the student who has a long-term P.E. excuse due to medical reasons. This course makes it possible for the student to obtain P.E. credit by reading about P.E. activities, sports articles and health issues. The P.E. instructor will evaluate written work on the assignments.

Physical Education Independent Study

Prerequisite: None

Credits: 10

This elective is taken by students who have not fulfilled their second-year PE requirement through participation in one of Palma's athletic programs in grade 10, 11, or 12. Students will pursue a course of study that will include physical exercise components as well as research into various aspects of a health, active lifestyle. Course work will be supervised and evaluated by instructors in the PE Department and may include both in-person and online elements. The class is taken on a Pass/Fail basis



Departments

Science

The Science Department endeavors to provide each student with experiences of a variety of sciences through which he will discover the beauty of God's creation and attain a fundamental understanding of how nature works. From the earth and its inhabitants to the expanse of the universe, concepts are presented in ways that foster an understanding and appreciation for the complex systems necessary to sustain life. Students learn that scientific discovery is borne of grasping basic principles and applying curiosity, intuition, creativity, tenacity and logic; and that science leads to outcomes more fascinating than can be imagined. Such potential requires instruction in the moral responsibilities of science so each course includes a discussion of ethical implications. The result brings science into conformity with the mission of Palma School while developing higher-order thinking, an ability to problem solve, as well as an affinity for life-long learning.

Junior High Life Science

Prerequisite: 6th Grade standing

Junior High

Credits: 10

This course introduces students to biology, including systems of the human body, reproduction, and disease immunity.

Junior High Earth Science*

Prerequisite: 7th or 8th Grade standing

Junior High

Credits: 10

This course consists of a study of earth's geological processes and energy resources, oceanography, and astronomy. Environmental applications are covered with global and societal implications.

Junior High Physical Science*

Prerequisite: 7th or 8th Grade standing

Junior High

Credits: 10

This course is an introductory physical science course designed to prepare students for high school science courses. It provides a solid foundation in the fundamentals of chemistry and physics. Topics covered include introduction to matter, motion and forces, work and machines, the atom, interactions of matter, electricity, waves, sound and light. Environmental applications are covered with global and societal implications.

Biology

Prerequisite: 9th Grade standing

UC/CSU: D

Credits: 10

Biology is an inquiry-oriented course in which lectures and laboratory experiments are designed to introduce the student to the diversity of living things, their structure and function, and their inter-relationships. A major approach includes biological problem solving using scientific methods. This course focuses on the study of energy flow, plant and animal classification, microorganisms, aspects of the cell theory, biochemistry, heredity and genetics, and evolution. This will be supplemented by information on marine biology and oceanography of local interest.

**These two classes run during alternate years; all junior high students take both over a two-year course of study.*

Chemistry

UC/CSU: D

Prerequisite: 10th Grade standing or above and a minimum “C” grade in Biology, and either have completed with a “C” grade or better or be currently enrolled in Algebra II or Algebra II/Trigonometry, and approval of the Science instructor Credits: 10

This course places an emphasis on the application of concepts and the ability to utilize critical thinking skills. The course includes the following: atomic theory; principles of chemical reactions, solids, liquid and gas phases; molar method; solutions; introductory stoichiometry; chemical bonding; periodic table; valence and oxidation state; acids and bases; energy; molecular structure; polarity of molecules; hydrogen bonding; introduction to organic compounds. Labs and exercises, coordinated with classroom topics, are required.

Chemistry Honors

UC/CSU: D

Prerequisite: 10th Grade standing or above with an “A” grade average in Biology and current enrollment or completion of Algebra II/Trigonometry Honors and approval of the Science instructor Credits: 10

This course is designed to challenge students on an individual basis. In addition to a mastery of the areas listed below, the course features extended content and additional workload. Scientific research papers, oral and written reports are required. Independent inquiry in specific interest areas is emphasized. The course includes in-depth application of the following: scientific principles, atomic theory, stoichiometry and dimensional analysis, chemical and nuclear reactions, energy; solutions, periodic table, chemical bonding, valence numbers, equilibrium constants, and organic compounds. Labs and exercises, coordinated with classroom topics, are required.

Physics

UC/CSU: D

Prerequisite: 10th Grade standing or above Credits: 10

This course is study of fundamental physics concepts, such as measurement, calculation, and graphing in kinematics and dynamics, propagation and conservation of energy and momentum, gravitation and circular motion, waves, sound, light and electromagnetic phenomena. Emphasis is placed on the utilization of mathematical, analytical, data acquisition, graphical, and communication skills as well as interdisciplinary approaches to discovery. This course serves as a foundational course to upper-level science classes. Concepts and skills are reinforced by a strong emphasis on the modeling/learning cycle, hands-on laboratory experiences, and the integration of other disciplines of science. Students will use reasoning and problem solving skills which will include, but not exceed Algebra I concepts. Applications to society, individuals, and the utilization of technology are included.

Anatomy & Physiology

UC/CSU: D

Prerequisite: 11th or 12th Grade standing with a “C” grade in Science classes and/or approval of the Science instructor Credits: 10

A second-year inquiry-based Biology course designed for students interested in an allied health career, kinesiology, athletic training, etc. Lectures and laboratory experiments guide students through the underlying principles of structure and function of the human body. The course is divided into three sections, emphasizing structure and function of cells, the 10 subsystems of the body and growth and development. *Course offered pending sufficient requests.*

Sports Medicine and Exercise Science

Prerequisite: 11th or 12th Grade standing

UC/CSU: D

Credits: 10

This full-year science course is designed to incorporate and expand upon the essential knowledge learned during the student's biology course. It will explore the science components of sport and exercise including biomechanics, exercise physiology, psychology, nutrition, and performance techniques. It will also include the specifics of sports medicine with the exploration of therapeutic careers, medical terminology, anatomy and physiology as they relate to sport and injury, kinesiology, detailed evaluation skills, first aid competencies, the healing process, injury prevention, rehabilitation techniques, and therapeutic modalities. Multiple laboratory activities and scholarly article reviews are integrated as essential aids in the learning process to extend the students comprehension and application of the current technology and information associated with the science. *Course offered pending sufficient requests.*

AP Biology

Prerequisite: 11th or 12th Grade standing with a "B" grade in Biology, Chemistry and Mathematics, sufficient score in reading comprehension on school-wide test and approval of the Science instructor

UC/CSU: D

Credits: 10

Advanced Placement Biology is a college-level course for able and motivated students who are committed to taking the AP Examination in the spring. The course content follows the suggested outline for college Biology developed by the College Entrance Exam Board. The topics covered include: molecular biology, genetics and evolution and organisms and populations. It aims to provide the student with the conceptual framework and the analytical skills to understand the current advances in the field of biology. Labs and exercises, coordinated with class-room topics, are required. *Course offered pending sufficient requests.*

AP Environmental Science

Prerequisite: 11th or 12th Grade standing, minimum "B" grade in Biology and Chemistry, and a minimum "A" grade in Algebra II/Trigonometry Honors fall semester and approval of the Science instructor

UC/CSU: D

Credits: 10

This course is the equivalent to a semester-long college-level introductory course in Environmental Science with a laboratory component. Main topics covered include Earth systems and resources, ecology, population, land and water use, energy resources and consumption, pollution, and global change. The AP exam in Environmental Science, a minimum of 5-6 hours of homework per week, and a summer assignment are required. *Course offered pending sufficient requests.*

AP Physics

Prerequisite: 11th or 12th Grade standing, minimum "B" grade average in Chemistry Honors or "A" grade average in Chemistry, current enrollment in Pre-Calculus, AP Calculus or AP Statistics and approval of the Science instructor

UC/CSU: D

Credits: 10

This course covers topics in Newtonian mechanics — kinematics, dynamics, work, energy, power, linear and angular momentum, circular and rotational motion, oscillations, and gravitation — as well as topics in wave theory, electrostatics, and basic circuits. A heavy emphasis is placed on advanced mathematical treatments involving trigonometry and some calculus and data acquired from laboratory experiments. Labs and exercises, coordinated with classroom topics, are required. *Course offered pending sufficient requests.*

Departments

Social Studies

The broad goal of educating and forming responsible young men within the Social Studies curriculum includes the development of historical knowledge and cultural understanding that incorporates learning from history and the other humanities, geography, and the social sciences. Democratic understanding and civic values are promoted to prepare them for their rights and responsibilities in society along with participation, critical thinking, and basic study skills that are essential for effective citizenship. Social Studies classes will endeavor to develop an awareness of global inequities, the issues of poverty, and the promotion of social justice.

History 6

Prerequisite: 6th Grade standing

Junior High

Credits: 10

The primary focus of sixth grade history is the ancient civilizations of the Mediterranean world. The course begins with the study of archeology and the early human development, focusing on the ancient civilizations of Mesopotamia, Egypt, India, Greece, China, and Rome. Emphasis is placed on the everyday lives, challenges, and accomplishments of these civilizations. Geography is also an important component of the course.

American History 7

Prerequisite: 7th Grade standing

Junior High

Credits: 10

This course is the study of American history. The geography of the United States and other continents will be included. The course is designed with a goal of also teaching basic study skills needed to pursue the study of historical data; these skills include note-taking, research, writing, map-reading and test-taking.

World History

Prerequisite: 10th Grade standing

UC/CSU: A

Credits: 10

This course is an examination of human history, from the Renaissance and the Reformation to the present, with particular concern to all regions and cultures of the world. Emphasis is made on man's interdependence in developing modern institutions, such as political forms, cultures, religions and laws.

AP World History

Prerequisite: 10th Grade standing with a minimum 3.33 GPA

UC/CSU: A

Credits: 10

This course is an accelerated examination of human history, from the Renaissance and the Reformation to the present, with particular concern to all regions and cultures of the world. Emphasis is made on man's interdependence in developing modern institutions such as political forms, cultures, religions and laws. Those who enroll must take the AP Exam.

Departments – Social Studies (continued)

U.S. History

UC/CSU: A

Prerequisite: 11th Grade standing

Credits: 10

This course is a comprehensive examination of the events, movements, and institutions of American history. The geography of the United States and other continents will be included, as will be a substantial study of American national government, its foundations, structures and powers.

AP U.S. History

UC/CSU: A

Prerequisite: 11th Grade standing with a minimum 3.33 GPA and approval of the World History instructor

Credits: 10

This course is an accelerated study of the history of the United States. The geography of the United States and other continents will be included. The course is specifically designed to prepare the student to successfully take the College Board AP Examination in United States History. Those who enroll must take the AP exam. Special attention will be devoted to essay-writing, research, and exam-taking skills.

U.S. Government

UC/CSU: A

Prerequisite: 12th Grade standing

Credits: 5

This **one-semester course** surveys the basic structures and operations of United States government and politics. Students examine the foundation of the American political system; the role of political opinion, the media, political parties, interest groups, and the institutions of national government; and the development of public policy, civil rights, and civil liberties.

Economics

UC/CSU: G

Prerequisite: 12th Grade standing

Credits: 5

This **one-semester course** is a survey of the basic concepts of economics and their application in the evaluation of public policy. Explained are the choices made by individual consumers and producers in the marketplace and how these choices affect supply and demand. It describes the organization of individual business firms and market structures. Ways to improve the market system, the labor market, individual income, and the importance of agriculture in the economy are discussed.

AP U.S. Government

UC/CSU: A

Prerequisite: 12th Grade standing with a minimum 3.33 GPA and approval of the U.S. History instructor

Credits: 5

This is a **one-semester course** designed to give students a critical perspective on United States government and politics. Students examine the foundations of the American political system; the role of public opinion, the media, political parties, interest groups, and the institutions of national government; and the development of public policy, civil rights, and civil liberties. Students must take the AP U.S. Government exam at the end of the year.

Economics Honors

UC/CSU: G

Prerequisite: 12th Grade standing with a minimum 3.33 GPA and approval of the U.S. History instructor

Credits: 5

This is a **one-semester course** which surveys the basic concepts of economics and their application in the evaluation of public policy. Explained are the choices made by individual consumers and producers in the market place and the effects of these choices on supply and demand. Students examine the organization of individual business firms and markets, the role of government in market failure and taxation, and the issues and policies surrounding antitrust regulations, agriculture, income inequality and poverty, health care, and labor organizations.

AP Psychology

UC/CSU: G

Prerequisite: 10th Grade standing or above with a minimum 3.33 GPA

Credits: 10

The AP Psychology course 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. The course is specifically designed to prepare students to successfully take the College Board AP Examination in AP Psychology; those who enroll must take the AP exam. Special attention will be devoted to essay-writing, research, and exam-taking skills. *Course offered pending sufficient requests.*



Departments

Theology

The Theology Department is committed to the evangelization and catechesis of our students in an environment of faith, inquiry and mutual respect. The Theology Department promotes knowledge of and love for Jesus Christ. Regardless of faith, all students in grades 6 through 12 work together to better understand and be challenged by a curriculum rich in scriptures, the life and teachings of Jesus Christ, Church history, moral growth, the sacraments, and an appreciation for other faith traditions. Palma Theology challenges young men to grow spiritually, morally, intellectually, and socially in a Catholic environment that embraces the *Essential Elements of an Edmund Rice Christian Brother Education*. Theology instructors' aim is to achieve the mission of the Church; integrating the message revealed by God, fellowship in the life of the Holy Spirit, and service.

Religion 6

Prerequisite: 6th Grade standing

Junior High

Credits: 10

The religion program for sixth grade helps students develop Christian values through the teaching of Catholic doctrine. It instills the knowledge and confidence to witness the truths of Jesus Christ, promote the common good, and transform society through personal and social action.

Religion 7

Prerequisite: 7th Grade standing

Junior High

Credits: 10

This course presents an overview of Catholic beliefs and practices. Students will learn answers to questions such as what do Catholics believe and why; how do Catholics celebrate our beliefs in prayer and worship; and how are we to respond to our beliefs in our everyday lives.

Religion 8

Prerequisite: 8th Grade standing

Junior High

Credits: 10

This introductory course on Church history helps students come to an appreciation of two concepts: history and Church. The class describes history as story rather than as mere chronology. Church history describes how Christ has been and continues to be manifest through Christians in particular historical circumstances.

Theology 9

Prerequisite: 9th Grade standing

Credits: 10

In the first semester students will undertake Course I of the *United States Catholic Bishops' Curriculum Framework for Young People of High School Age*. In the course, "The Revelation of Jesus Christ in Scripture," students will gain a general knowledge and appreciation of the Sacred Scriptures. They will learn how to both read and study the Bible and become aware of its value to people throughout the world. Particular attention will be paid to the Gospels. Through their study of the Bible, they will encounter the living Word of God, Jesus Christ. The second semester introduces students to "Who is Jesus Christ?" — Course II of the *U.S. Bishops' framework*. In this course students begin to learn about the mystery of Jesus Christ, the Second Person of the Blessed Trinity, and how He is the ultimate Revelation to us from God. In learning who Jesus is, the students will also learn who God calls them to be.

Theology 10

Prerequisite: 10th Grade standing

Credits: 10

Course III of the *U.S. Catholic Bishops' Curriculum Framework*, "The Mission of Jesus Christ," proposes to help students understand all that God has done for us through His Son. Students will learn that for all eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. Students will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails. In the second semester Theology 10 concludes with Course IV of the *Bishops' Framework*, "Jesus Christ's Mission Continues in the Church." The course will help the student understand that it is in and through the Church that they encounter the 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 learn that the living Body of Christ today, the Church, has both divine and human elements. Emphasis is placed not so much about events in the life of the Church but about the sacred nature of the Church.

Theology 11

Prerequisite: 11th Grade standing

Credits: 10

In the first semester students will undertake Course V of the *United States Catholic Bishops' Curriculum Framework for Young People of High School Age*. In the course, "Sacraments As Privileged Encounters With Jesus Christ," students understand 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. The second semester introduces students to "Life In Jesus Christ," Course VI of the *U.S. Bishops' framework*. In this course students understand that it is only through Christ that they can fully live out God's plans for their lives. By using the Commandments as a guide, students are to learn the moral concepts and precepts that govern the lives of Christ's disciples in the world.

World Religions/Theology 12

Prerequisite: 12th Grade standing

UC/CSU: G

Credits: 10 (5 credits for each)

In the first semester students will undertake Option E of the *Bishops' framework*. This course is a brief survey of the world's great living religions (Judaism, Christianity, Islam, Hinduism, Buddhism, Taoism, and Confucianism). The origins of religion are examined and representative prehistoric and ancient religions are studied to provide the student with a sense of how modern religions have evolved. In the second semester students will be "Responding to the Call of Jesus Christ," Option D of the *Bishops' framework*. Students will be given tools to discern God's call for them in a shared world. Particular emphasis will be placed on the student taking on an active concern for the welfare of others and respecting the dignity of life. Students will explore how each of their individual gifts and talents can best serve them in their relationship to his community and relationship to God.

Liturgical Aide Program

Prerequisite: Students must be requested by and complete an interview with Campus Ministry, assist at least two Masses per week and receive approval from the Vice Principal

Credits: 2 per semester

This is an enrichment course for students interested in assisting with the daily 7:30 a.m. Mass and school-wide Masses in the Blessed Edmund Rice Chapel. Students will work as assistant Sacristans and participate in lectoring, altar serving, greeting, and other ministries. Additionally, students will help prepare prayer intentions and monitor chapel changes in support of the Liturgical Calendar. This course is taken on a Pass/Fail basis.

Departments

World Languages

The World Languages Department is dedicated to creating an environment where students can

learn Spanish, Italian, and Chinese. The language, literature, and culture of these languages will be strongly emphasized. It is through the study of language that students develop an awareness of, and appreciation for, other languages and cultures as conscious members of a global community. The World Language Department provides classes not only for students to develop linguistic skills — phonetics, phonology, morphology, syntax and semantics — but also literature and culture. Language classes follow the World-Readiness Standards for Language Learning that emphasize communication, cultures, connections, comparisons, and communities.

Chinese and Italian courses are offered pending sufficient requests.

Chinese I

UC/CSU: E

Prerequisite: None

Credits: 10

The students learn contemporary Mandarin Chinese. The course is based on modern principles of second-language acquisitions, which integrate the learning of all four language skills (listening, speaking, reading and writing). Grammar is treated as a tool for developing the ability to communicate in Chinese. The students learn about the culture and history of the Chinese.

Chinese II

UC/CSU: E

Prerequisite: Chinese I

Credits: 10

This course is a continuation of Chinese I. Students will continue to develop their communication skills and are trained in speaking fluency and in Chinese typing. They will further their knowledge of the history and culture of China. Research reports about Chinese culture will be done.

Chinese II Honors

UC/CSU: E

Prerequisite: Chinese I with an "A" or "B" grade and approval of the Chinese instructor

Credits: 10

Chinese II Honors is a continuation of Chinese I. In this course, students will continue to learn communication skills to a greater degree than in Chinese II. Honors students will be required to write essays in the target language, to research and report on Chinese culture and to explore Chinese history.

Chinese III

UC/CSU: E

Prerequisite: Chinese II with a minimum "C" grade recommended and approval of the Chinese instructor

Credits: 10

Chinese III includes a review of grammatical structures, vocabulary and cultural items covered in Chinese I and Chinese II courses. Students will engage in more advanced conversation and writing assignments. Students will read more advanced literary selections and become more knowledgeable about Chinese culture.

Chinese III Honors

UC/CSU: E

Prerequisite: Chinese II with a minimum “A” or “B” grade and approval of the Chinese instructor

Credits: 10

Chinese III Honors is a review of grammatical structures and vocabulary covered in Chinese I and Chinese II courses. Conversational practice in greater degree is emphasized with more dialogue and more advanced writing assignments. Students will become more knowledgeable about Chinese culture.

Italian I

UC/CSU: E

Prerequisite: None

Credits: 10

This course introduces the language and culture of Italy. One of the five top global economies, Italy is a leader in graphic design, engineering, fashion, tourism, and culinary arts. With present tense communication and introductory vocabulary, students will benefit by learning to communicate in a dynamic, modern world language.

Italian II

UC/CSU: E

Prerequisite: Italian I

Credits: 10

Italian II continues and builds fundamental skills: speaking, reading, listening, and writing. UNESCO estimates 60% of the world’s art treasures are found in Italy. Students will grow to appreciate the incredible richness of the Italian culture, while learning reflexive verbs, pronouns, and past and future tenses.

Italian II Honors

UC/CSU: E

Prerequisite: Italian I with an “A” grade and approval of the Italian instructor

Credits: 10

This continues language study to a higher degree than Italian II. Upon reviewing earlier material in greater depth, students will progress with greater practice and expectation in spoken exercises, as well as writing, listening, and reading. Students will progress to proficiently use the present, past, and future tenses.

Italian III

UC/CSU: E

Prerequisite: Italian II with a minimum “C” grade recommended

Credits: 10

Italian culture spans the ancient Etruscans to the present. The Roman period and the Renaissance stand out. This course develops the students’ historical sense, as well as completes the introduction of grammatical constructs. Besides reviewing present, past and future, students will learn conditional and compound tenses.

Italian III Honors

UC/CSU: E

Prerequisite: Italian II with a minimum “A” grade or Italian II Honors with a minimum “B” grade and approval of the Italian Instructor

Credits: 10

This course continues the study of Italian to a higher degree than Italian II. Upon reviewing previous grammatical structures, student progress to the conditional, subjunctive, and compound tenses. The course emphasizes proficient expression in spoken communication, writing in practical settings, and reading from authentic Italian sources.

Spanish For Native or Near-Native Speakers

Junior High

Prerequisite: Students new to Palma Junior High who are native speakers of Spanish or who have had formal study of Spanish in a dual-immersion program; placement test; approval of the Spanish instructor

Credits: 5

This enrichment course focuses on the formal instruction of reading, writing, and speaking in Spanish, with a particular emphasis on grammar and vocabulary. Students will gain further proficiency in interacting with other speakers of the language, understanding oral and written communication, and making oral and written presentations. The goal of the course is to prepare students to take Spanish II Honors the following school year. This class meets on designated days during zero period before the start of the regular school day.

Course offered pending sufficient requests.

Spanish I

UC/CSU: E

Prerequisite: None

Credits: 10

Spanish I is a beginning course in building proficiency in the Spanish language. The focus is on communication with accuracy. Students will also become acquainted with the rich variety of cultures among Spanish-speaking communities.

Spanish II

UC/CSU: E

Prerequisite: Spanish I

Credits: 10

Spanish II is a review of grammatical structures, vocabulary, and cultural items covered in Spanish I. Students will continue to prepare themselves to communicate everyday ideas in Spanish.

Spanish II Honors

UC/CSU: E

Prerequisite: Spanish I with an "A" grade and approval of the Spanish instructor

Credits: 10

Spanish II Honors is a review of grammatical structures, vocabulary, and cultural items covered in Spanish I. Students will continue to prepare themselves to communicate everyday ideas in Spanish. In this Honors class, students will be expected to maintain a grade of A or B and fulfill additional requirements such as maintaining a journal or portfolio, completing Internet activities, and providing additional assignments that demonstrate proficiencies in speaking and writing.

Spanish III

UC/CSU: E

Prerequisite: Spanish II with a minimum "C" grade recommended

Credits: 10

Spanish III is a review of grammatical structures, vocabulary and cultural items covered in Spanish I and II courses. Students produce more advanced conversation and writing assignments. Students read more advanced literary selections and develop greater understanding of Spanish-speaking communities.

Departments – World Languages *(continued)*

Spanish III Honors

UC/CSU: E

Prerequisite: Spanish II with an “A” grade or Spanish II Honors with a “B” grade and approval of the Spanish instructor

Credits: 10

Spanish III Honors is a review of grammatical structures and vocabulary covered in Spanish I and II courses. Conversational practice is emphasized and more advanced writing assignments are made. More advanced literary selections will be read and students will develop a greater understanding of Spanish-speaking communities. Higher expectations and additional assignments will be expected of Spanish III Honors students.

AP Spanish Language & Culture

UC/CSU: E

Prerequisite: Spanish III Honors with a minimum “B” grade and approval of the Spanish instructor

Credits: 10

This class is conducted entirely in Spanish and requires students to participate actively. Students have reached a reasonable proficiency in reading, writing, listening, comprehension and speaking. The purpose of the course is to prepare the students for the AP Language exam by listening activities, reading specific literary works by Guillen, Machado, Borges, and Marquez to develop vocabulary and writing skills beyond a plot, summary, comparing and contrasting themes, writing, using written sources, speaking skills, and leading a formal presentation. The AP Language exam must be taken at the end of the year.



Other Courses

Enrichment Classes 6

Prerequisite: 6th Grade standing

Junior High

Credits: 8 to 10

As part of their curriculum, students in sixth grade participate in physical education, typically two days a week; on other days during the enrichment block, they may have lessons in world languages, technology, art or music.

Student Aide Program

Prerequisite: 11th or 12 Grade standing. Students must be requested by a teacher, assist at least two class periods per week, complete an application with a written statement of intent, submit it by a set deadline and receive approval from the Vice Principal

Credits: 2 per semester

This program will offer a Junior or Senior student who has a vacant period in his class schedule an opportunity to apply his time as a Student Aide, assisting teachers with the supervision of students in a classroom, and/or in working with students under the supervision of the teacher. This program provides the Student Aide the value of learning more about the educational process, while creating opportunities for an upperclassman to mentor underclassmen. This course can be taken only on a Pass/Fail basis.

Introduction to Java Programming Honors

Prerequisite: Completed or currently enrolled in Algebra II/Trigonometry and approval of the instructor

UC/CSU: G

Credits: 10

This course is provided for those students who might be planning a Computer Science major in college or have a general interest in programming. The course covers programming language principles, simple analysis of algorithms, concepts of object-oriented programming, defining and using classes, array processing, and basic searching and sorting techniques. Individual student discipline and motivation are necessary to succeed in this class format.

Scheduling Note: This class may be scheduled for a three-hour night class each week. This course, if sufficiently enrolled, may include students from Notre Dame High School. Course offered pending sufficient requests.

CAD: Computer-Aided Design

Prerequisite: Concurrent enrollment in Pre-Calculus or higher level Math course

UC/CSU: G

Credits: 10

This course covers the principles of engineering drawings in visually communicating engineering designs and introduction to computer-aided design (CAD). Topics include the development of visualization skills; orthographic projections; mechanical dimensioning and tolerancing practices; and the engineering design process. Assignments develop sketching and 2-D and 3-D CAD skills. The use of the CAD software is an integral part of the course. This course will also cover the engineering design process and project management. *Scheduling Note: This class may be scheduled for a three-hour night class each week. This course, if sufficiently enrolled, may include students from Notre Dame High School. Course offered pending sufficient requests.*

Departments – Other Courses *(continued)*

Yearbook

Prerequisite: Approval of the yearbook moderator

Credits: 4

The yearbook student staff will prepare the Palma yearbook under the direction of the teacher/advisor. All yearbook work is done on computers, including digital photography. Students will receive instruction in HJEDesign, Photoshop and photography programs. This course may be taken for a letter grade or Pass/Fail.

Student Government

Prerequisite: Students must hold an elected student government office or appointed position and approval of the ASB moderator

Credits: 4 (2 per semester)

Students holding offices in the Student Government may receive two credits per semester for satisfactorily performing their duties. This course may be taken for a letter grade or Pass/Fail.

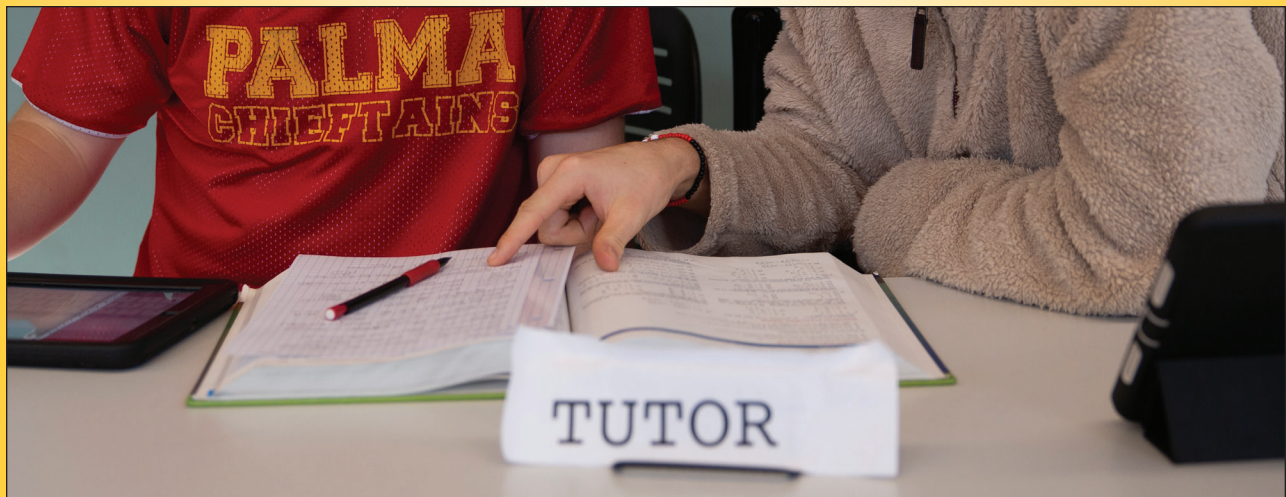
TUTORING PROGRAM

Palma's Tutoring Program is located in the Cislini Student Center and provides an additional opportunity to enhance the learning experience for students.

The Tutoring Program is coordinated in conjunction with the National Honor Society tutoring program, in which qualified upperclassmen work with students who need assistance with their studies. Students must make the

commitment to attend the program regularly and apply the skills they learn to both their schoolwork and homework. It is also essential that parents be involved by providing encouragement and an environment at home that is free from distractions and temptations.

Parents interested in having their son be part of the Tutoring Program should contact the Guidance Department.



Essential Elements of an Edmund Rice Christian Brother Education

I Evangelize youth within the mission of the Church

- proclaim the Good News of Jesus Christ in word and deed
- permeate the entire curriculum, activities, and all aspects of the educational process with the Gospel message of Jesus Christ
- encourage young people to a deeper relationship with Jesus Christ
- provide opportunities for liturgies, retreats, vocation awareness workshops and daily prayer

II Proclaim and witness to Catholic identity

- give priority to religious instruction with opportunities for faith development and theological understanding
- participate in the sacramental life of the Church and model a living faith through the use of rituals and symbols
- foster devotion to Mary and the communion of saints
- ensure that Catholic identity permeates all endeavors: all classes and activities, procedures and policies, services and programs

III Stand in solidarity with those marginalized by poverty and injustice

- promote policies and structures that reflect a climate of compassion for the poor and disadvantaged
- include education and advocacy for peace, justice, global awareness, and care for the Earth
- prepare students to work toward the creation of a just society
- encourage ministry experiences that work with and serve the poor and marginalized
- support mission areas at home and abroad
- establish tuition and scholarship policies that open educational opportunities to the poor and disadvantaged



Edmund Rice was born in Wescourt, Ireland, in June 1762. At age 17 he began working at his uncle's import-export business in Waterford. He later inherited the business. Married at 25, Edmund lost his wife two years later and was left with a sickly infant daughter. A devout man, Edmund dedicated himself to charitable works. Though he saw how the economic and political storms of the day were impacting Ireland, he desired a religious vocation in the contemplative life. Encouraged by Pope Pius VII and Bishop Hussey, Edmund sold his business, arranged for his daughter's care, and opened his first school in 1802. He had three other schools in operation by 1806. He took the name Ignatius as one of the religious Brothers in a pontifical institute in 1808. He died in 1844. Pope John Paul II beatified him on October 6, 1996.

IV Foster and invigorate a community of faith

- provide a disciplined, safe atmosphere in which students are free to grow and take responsibility for their own learning and for the life of the community
- sustain compassionate, respectful relationships among all stakeholders
- be in union with the Church through commitment to service and formation of community
- encourage faculty and staff to give daily witness to their integral role in communal faith formation
- embrace the human condition and welcome God's healing

V Celebrate the value and dignity of each person and nurture the development of the whole person

- promote respect for each individual as created in the image and likeness of God
- value the diversity of the human family and seek to reflect diversity among the students, faculty, and staff
- promote strong programs for personal, professional, and pastoral care
- offer co-curricular activities and programs that are important to a student's holistic education
- strive to provide just remuneration for faculty and staff

VI Collaborate and share responsibility for the mission

- empower all members of the community to share in the mission
- work with parents who are the primary educators
- collaborate with Edmund Rice Christian Brother ministries on local, regional, and international levels
- foster a deeper understanding of the vision of Blessed Edmund
- promote active participation in governance by boards and diocesan officials

VII Pursue excellence in all endeavors

- promote a strong academic curriculum and cultivate a desire for excellence
- develop an educational culture that fosters the growth of the whole person, higher-order thinking, and life-long learning