Bradshaw Christian High School

Course Catalog

Last Updated 3/24/2022

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Bradshaw Christian High School
Graduation Requirements and *UC/CSU Eligibility
***University of California and California State University Systems**

Requirements: **UC/CSU A-G Requirements**	BCHS Graduation Requirements:	UC/CSU Eligibility: ▪Must receive semester grades of "C-" or better for eligibility. (B's or better is recommended.) ▪Maintain a minimum GPA of 3.0, but always aim to do better. ▪Being eligible does not guarantee admittance.
A-History/Social Science	3.5 years (35 credits)	2 years
B-English	4 years (40 credits)	4 years
C-Mathematics	4 years (40 credits) ***Taken IN High School during each grade level (Summer courses not included)**	3 years (4 years recommended) ▪Must complete Alg. 1, Geometry, and Alg. 2 or equivalent.
D-Science	3 years (30 credits) ▪Must complete at least 1 biological and 1 physical	▪UC= 2 years from subject areas: biology, chemistry, or physics. (3 yrs recommended) ▪CSU= 2 years: 1 physical & 1 biological
E-LOTE Language Other Than English	2 years (20 credits)	2 years (3 years recommended) ▪Must be in one language (i.e. Spanish 1, Spanish 2, and Spanish 3)
F-Visual/Performing Arts	1 year (10 credits)	1 year ▪Must be a yearlong course or 2 semesters in the same discipline.
G-College Prep Elective	n/a	1 year ▪Any UC approved class in any academic area that goes above and beyond the requirements listed above.
	Bible-4 yrs. (40 credits) ***or*** 5 units per semester enrolled at BCHS	
	PE- 2 yrs (20 credits) *Can earn PE credits by playing school sports.	
	Computers (5 credits)	
	Add'l-3 yrs. (30 credits)	
	Total units: 270 credits	15 Course Subject Requirement completed with a semester grade of "C" or better. 11 of these courses completed PRIOR to 12th grade.

BCHS 2022-23 Course Offerings and 4-year Worksheet

(All course offerings listed are subject to change without notice)

History/Social Sciences- UC/CSU "A" Approved Courses:	**UC/CSU Req.: 2 years**		**BCHS Grad Req.: 3.5 yrs/35 credits**
Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
World Geography (1 Sem)	World History	U.S. History	Government/Economics
	AP World History	AP U.S. History	AP U.S. Government & Politics

English- UC/CSU "B" Approved Courses:	**UC/CSU Req.: 4 years**		**BCHS Grad Req.: 4 yrs/40 credits**
Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
English 1	English 2	English 3	English 4
English 1 Honors	English 2 Hon (formerly Pre-AP)	AP English Language	AP English Literature

Math- UC/CSU "C" Approved Courses: **UC/CSU Req.: 3 years (4 yrs. Recommended)** **BCHS Grad Req.: *4 yrs/40 credits**

>>What Math Track are you on? ***4 years of math taken IN High School during each grade level (does not include summer).**

Grade 9	**Grade 10**	**Grade 11**	**Grade 12**
Math Foundations*	> Algebra 1	> Geometry	> Algebra 2 or 2 Honors
**Math Foundations is not UC/CSU approved*			
Algebra 1A**	> Algebra 1B**	> Geometry	> Algebra 2 or 2 Honors
***1A and 1B combine for 1 year of UC math credit.*			
Algebra 1	> Geometry	> Algebra 2 or 2 Honors	> Pre-Calculus or Pre-Cal Honors
			> Statistics or AP Statistics
Geometry	> Algebra 2 or 2 Honors	> Pre-Calculus or Pre-Cal Honors	> AP Calculus AB or BC
		> Statistics or AP Statistics	> Pre-Calculus or Pre-Cal Honors
Algebra 2 or 2 Honors	> Pre-Calculus or Pre-Cal Honors	> AP Calculus AB or BC	> Statistics or AP Statistics
			> Personal Finance (not UC/CSU)
	> Statistics or AP Statistics	> Pre-Calculus or Pre-Cal Honors	> AP Calculus AB or BC
			> Personal Finance (not UC/CSU)

Science- UC/CSU "D" Approved Courses:	**UC/CSU Req.: 2 years (3 yrs. Recommended)**		**BCHS Grad Req.: 3 yrs/30 credits**
General Science (UC/CSU "G")	> Biology* or Bio Honors**	> Physics	> Chemistry< or Anatomy^
Biology* or Bio Honors**	> Physics	> Chemistry<	>
	> Chemistry<	> Physics	>
Computing/Robotics		> AP Physics 1^^	> Any Science not
**Biology= Minimum Algebra 1 Co-requisite*		> Anatomy^	> already taken.
***Bio Honors (formerly Bio PreAP)=Minimum Algebra 1 Pre-req*		> AP Biology***	>
****AP Biology= 11/12th grade; Chemistry Pre-requisite*		> AP Chemistry <<	>
< Chemistry= Minimum Alg 2 Co-requisite		*^Anatomy=11/12th grade; Minimum 2 lab sciences Pre-requisite*	
<< AP Chemistry=Alg 2 or 2 Hon Pre-req; Chem Pre-requisite		*^^AP Physics1=11/12th grade; Alg 1 & Physics Pre-requisites*	

Language- UC/CSU "E" Approved Courses:	**UC/CSU Req.: 2 years (3 yrs. Recommended)**		**BCHS Grad Req.: 2 yrs/20 credits**
American Sign Lang. (ASL) 1	> ASL 2	> ASL 3	> ASL 4
Spanish 1	> Spanish 2	> Spanish 3	

Visual/Performing Arts- UC/CSU "F" Approved Courses:	**UC/CSU Req.: 1 year**		**BCHS Grad Req.: 1 yr/10 credits**
Art	Band- Beginning	Band- Intermediate	Band- Advanced
Concert Choir	Drama	Graphic Design	Video Production

College Prep Elective- UC/CSU "G" Approved Courses:	**UC/CSU Req.: 1 year**	**BCHS Grad Req.: N/A**
Psychology	Public Speaking	

Or any UC approved class from any of the above categories (A-F) that goes above the minimum UC requirement.

BCHS Elective Req.: Any UC or non-UC approved courses. Add'l courses below.			**BCHS Grad Req.: 3 yrs/30 credits**
Chapel/Worship Band	Event Technology	Ministry	
Personal Finance (11/12)	Student Council	Yearbook	

Bible- BCHS Graduation Req.: (Transfer students: 10 credits per year enrolled at BCHS)			**BCHS Grad Req.: 4 yrs/40 credits**
Bible 9	Bible 10/11	Bible 12	Ambassador

Other BCHS Req.: non-UC/CSU approved	**BCHS Grad Req.: .5yrs/5 credits**
Computers (1 Sem taken w/W. Geog)	

Physical Education- Credits can be earned playing BCHS sports- (5 credits per season).			**BCHS Grad Req.: 2 yrs/20 credits**
P.E. -Independent Study	Female Fitness	Conditioning-CoEd	

Bradshaw Christian High School
Literature Position Statement

At Bradshaw Christian High School, it is our desire to instill in our students a passion for reading and a love for great works of literature. Well written poetry and prose help us reflect on our world, our hearts, and our inner life of faith. Great literature broadens our horizons, challenges our perspective, and teaches us to think critically on what it means to be human, made in the image of God.

When choosing reading selections in our Language Arts classes, we look for literature that enhances the academic experience of the classroom, preparing our students for college and career. We also look for literature that helps us grow in our walk of faith. It is important that the readings in our Language Arts classes not only train up our students to be academically successful, but also strong in character and heart. The best literature will accomplish both.

We do understand that some written works acclaimed by our society include elements that may not resonate with our faith in Jesus Christ. As a school we must make an evaluation on whether the value of reading the literary work outweighs the possible distraction. We desire that our students become discerning readers, knowing how to take in a perspective different from their own, and then find their own voice on the matter. We make our best attempt to not select readings that pose a significant stumbling block for our students in their own growth and maturity.

When possible, we will alert parents and students to upcoming readings that may have sensitive content. Parents are encouraged to look through the reading lists for their child's classes to determine if any works bring cause for concern. In many cases, with enough warning in advance, alternative reading assignments can be given if a student or parent feels uncomfortable with the selection.

Advanced Class/AP Removal Policy

Bradshaw Christian High School makes equitable access a guiding principle for our Advanced/AP classes by giving all willing and academically prepared students the opportunity to participate in Advanced/AP classes. However, if a student has a C- or lower at the First Semester Progress 1 period, the instructor will begin discussion with the student, the parents, and administration about moving the student out of the advanced course and into the standard grade level course. If the student and parent elect to stay in the advanced course, they will have until the end of the First Semester Progress 2 to bring their grade to a C or better. If the student does not meet that requirement, they will be moved out of the advanced class and back into the standard level course.

History/Social Sciences

World Geography **UC/CSU Approved Hist/Soc Sci**

Designed for 9th Grade; taken with Computers

This semester-long course is designed to deepen students' understanding of how God's physical and human creations interact and affect each other. Students will learn how and why the physical features of the earth influence trade, human migration and settlement, the spread of culture, and your life. This course will cover both physical geography (landforms, waterways, etc.) and human geography (cultures, religions, trade, food, etc.). Students will learn information foundational to the study of geography and apply these understandings to studying seven regions of our earth: Western Europe, Central Eurasia, Latin America, the Middle East, Africa, Asia, and Oceania.

World History **UC/CSU Approved Hist/Soc Sci**

Designed for 10th Grade

Students will learn about major eras throughout world history beginning with the Renaissance and working through to the Modern Era. This course will allow students to explore how world history vastly influences modern ideologies, culture, politics, conflicts and technology along with a brief study focusing on the world today and the global issues modern societies face. Students also study the rise of the world's dominant religions, the development of political and social structure from Medieval Europe, and the thoughts and developments leading to the end of colonialism and the beginning of two World Wars. Students will complete projects, view and learn to interpret primary documents, and develop map skills.

AP World History: Modern **UC/CSU Approved Hist/Soc Sci**

Designed for 10th Grade

Advanced Placement (AP) World History: Modern, is a complete survey of World History from the origins of man to globalization (current day). This course is designed to simulate a college level course. A major component of this class is to learn the skills of a historian: creating arguments with evidence, assessing patterns of continuity and change, comparing and contextualization, and synthesizing how our society fits into the framework of world history. Being in a college level course will require personal responsibility to face the academic rigor. Students should expect a great deal of work and time to successfully complete this course (this means a heavier load of reading, writing, and analysis than students have faced before).

US History **UC/CSU Approved Hist/Soc Sci**

Designed for 11th Grade

United States History is a course designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the various eras, personalities, and issues experienced in U.S. history. This course will focus heavily on interpreting primary source documents in order to understand America's past and present, beginning with the early colonial period (1607) and continuing through to contemporary America (1990). Students will learn to analyze historical materials for reliability and significance, arrive at conclusions based on evidence, and communicate their arguments persuasively in a culminating research paper.

AP U.S. History **UC/CSU Approved Hist/Soc Sci**

Designed for 11th Grade

Advanced Placement (AP) United States History is a thematic and chronological survey course covering the period from Pre-Columbian America to Contemporary America. This course is designed to provide the student with the analytical skills and factual knowledge to deal critically with the various eras, personalities and issues experienced in American History. This course is structured to prepare the student for college and university courses by simulating the same demands they will experience in an introductory or intermediate college classroom. Students will learn to assess historical materials, analyze their relevance to a given problem, and determine their reliability and importance. Students will also be prepared to take the AP U.S. History exam offered by the College Board and earn college credit depending on their score and college requirements.

Government **UC/CSU Approved Hist/Soc Sci**

Designed for 12th Grade; taken with Economics

American Government is a course designed to give students a better understanding of the political systems utilized in our world today. This course, which is required for graduation, prepares students to assume their rights and responsibilities as citizens. To achieve this, various branches and key agencies of our government, from the local to the national level, will be studied. Civil rights, affirmative action, the ERA, and the criminal justice system will be emphasized. Resource speakers will be utilized to help students understand the major issues which affect government today and the process by which political decisions are made. This course meets the Government graduation requirement.

Economics **UC/CSU Approved College Prep Elective**

Designed for 12th Grade; taken with Government

This course introduces the basic principles of all economic systems with special emphasis on a market based system. Specific topics include the basic principles of decision making, scarcity, opportunity, cost, and the principles of supply and demand. These principles are examined from individual, national, and international perspectives. This course is designed to give students the necessary tools to analyze their own personal decision making as well as to evaluate the decisions of an individual firm, or the nation as a whole. This course meets the economics graduation requirement.

AP United States Government **UC/CSU Approved Hist/Soc Sci**

Designed for 12th Grade

Advanced Placement (AP) Government and Politics is designed to give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and analysis of specific examples. The course also develops a familiarity with the various institutions, groups, beliefs and ideas that constitute U.S. government and politics. Students will study the variety of theoretical perspectives and explanations for various behaviors and outcomes found in American political culture.

ELD History **UC/CSU Approved Hist/Soc Sci**

Designed for non-native English speaking students.

ELD History is an introductory course to Geography, World History, U.S. History, and American Government. Students will; (1) Develop academic English proficiency in the area of social studies with a focus on vocabulary and historical concepts, (2) Apply learning strategies and skills to their study of a second language, (3) Study the geography and basic characteristics of various countries and regions around the world, (4) Recognize patterns of the historical development of civilizations and analyze cause and effect relationships throughout history, and (5) Gain an understanding of democratic institutions/processes as well as the many parts of a functioning democratic political system.

English/Language Arts

English 1 **UC/CSU Approved English**

Designed for 9th Grade

This class is designed for students entering 9th grade. Students will be exposed to a variety of literature: short stories, non-fiction, poetry, plays, legends and novels. Students will actively read, respond to, and analyze patterns and themes in historically and culturally significant works – with an emphasis in World Literature. Students will gain skills necessary for competent writing and reading by focusing on the mechanics of language, vocabulary development, and directed reading and writing. They will complete a variety of writing activities to build their composition skills in narrative, expository, persuasive, informational, and descriptive writing that demonstrates research, organization, and drafting strategies. They will respond orally to literature and complete several creative writing and book projects.

English 1 Honors **UC/CSU Approved English**

Designed for 9th Grade

English 1 Honors is designed for students entering the 9th grade. This class will prepare students for more advanced coursework, requiring increased rigor and depth. Students will be exposed to a variety of literature: short stories, non-fiction, poetry, plays, legends and novels. Students will actively read, respond to, and analyze patterns and themes in historically and culturally significant works – with an emphasis in World Literature. Students will gain skills necessary for competent writing and reading by focusing on the mechanics of language, vocabulary development, and directed reading and writing. They will complete a variety of writing activities to build their composition skills in narrative, expository, persuasive, informational, and descriptive writing that demonstrates research, organization, and drafting strategies. They will respond orally to literature and complete several creative writing and book projects.

English 2 **UC/CSU Approved English**

Designed for 10th Grade

This course is for 10th graders who have successfully completed English 1. The purpose of studying literature is not only to gain a better grasp of a culture through its people's writing, but also to gain a better grasp and understanding of people. Students will be exposed to a variety of literature: short stories, non-fiction, poetry, plays, legends, and novels. History and literature are intertwined, as literature can often provide us a window into a different time period. Students are expected to use and grow in their usage of English grammar and writing this year. They will gain skills necessary for competent writing and reading and will complete a variety of writing activities including creative, narrative, expository, persuasive, informational, and descriptive components.

English 2 Honors (Formerly English 2 Pre-AP) **UC/CSU Approved English**

Designed for 10th Grade

This course is for 10th grade students who have successfully completed English 1 and have demonstrated ability for an accelerated language arts curriculum. History and literature are intertwined, as literature can often times provide us a window into a different time period. Through these cultural lenses we can often times find ways to better express ourselves. Students are expected to use and grow in their usage of English grammar and writing. By studying grammar and composition, one can develop the necessary skills to understand others' ideas and opinions in addition to expressing his/her own thoughts. The communication skills of reading and writing are invaluable in dispersing and growing in knowledge and communication.

English 3 **UC/CSU Approved English**

Designed for 11th Grade

This American Literature course is intended to prepare 11th grade students for the challenging demands of writing and reading in college courses. This is an American literature course and students will read writings in various genres (novels, plays, essay, poetry, speeches). The focus of this course is on reading and writing strategies. Students will hone literacy skills by developing strategies to help them comprehend what they read, respond to literature, and plan and produce effective compositions. Students will also discuss literary themes, with emphasis on the American Dream, and examine the effect of literary elements in the pieces read. Finally, students will continue to develop skills in critical thinking and communication through a variety of seminar discussions, written reflection, group work, and oral presentations.

AP English Language & Composition **UC/CSU Approved English**

Designed for 11th Grade

Advanced Placement (AP) English Language and Composition is designed to engage students in becoming skilled readers of nonfiction prose written in a variety of periods, disciplines, rhetorical contexts, and in becoming skilled writers who compose effectively for a variety of purposes. In this college-level writing course, students will develop an awareness of a writer's purpose, audience, and message as well as the way in which various rhetorical strategies contribute to effectiveness in writing. The emphasis for this class will be on composition, reading and analyzing nonfiction works, literary analysis, oral communication, and critical thinking skills. This course is designed to be consistent with the guidelines laid out in the *AP English Course Description* published by the College Board.

English 4 **UC/CSU Approved English**

Designed for 12th Grade

This course is designed for students in 12th grade. Students will explore what questions texts have raised about social issues relevant to today's world. The course will focus on analyzing the use of literary devices to convey meaning while developing reading, speaking, and writing skills. Students will develop these skills through practicing close readings of texts, participating in discussions, giving formal and informal presentations, performing dramatic scenes, learning research skills, and participating in writing workshops. The goal is not only to comprehend each text, but engage with the ideas and questions presented as a means to develop analytical and critical thinking skills.

AP English Literature & Composition **UC/CSU Approved English**

Designed for 12th Grade

This course is designed to be the equivalent of a college-level Introduction to Literature course. Students will investigate how works of literature convey meaning through literary devices, comment on the culture from which they were produced, and raise questions and ideas that are still pertinent to readers today. Students will be required to read extensively, write a variety of formal and informal assignments, develop vocabulary, and engage in critical discussion about the texts read. The goal of this course is to develop skills as a writer, communicator, and critical thinker. Students will explore how literature shapes and responds to questions about the human experience.

ELD English 1 and 2 **UC/CSU Approved English (Only one year)**

Designed for non-native English speaking students.

These courses prepare students to transition into mainstream English classes. Students will read abridged versions of texts similar to those read in mainstream English classes. The type literature in these courses will be parallel to mainstream English classes in terms of content, but accommodations will be made for ELD students who may need extra time or support in comprehending and analyzing texts. Additionally, essay writing will focus on the same components as mainstream English classes so that students will understand the writing process and different writing structures. Some of the writing strategies explicitly taught include planning before writing, revising or drafting, and working with various writing structures. Students will analyze the literature through writing, interactive unit specific activities and lessons.

ELD Writing Support

Designed for non-native English speaking students.

The ELD writing support class is designed to provide supplemental writing instruction for students in their first year of non-ELD (mainstream) English classes. Students will learn about the different styles or purposes of writing, practice grammar skills, and further develop their writing abilities.

Mathematics

Math Foundations
Math Foundations will build and reinforce foundational math skills such as number sense, operations with fractions, decimals and integers, percents, and solving basic equations. Students will gain computational skills and conceptual understanding of various types of math problems in preparation for Algebra 1.

Algebra 1 **UC/CSU Approved Math**
Algebra 1 is a first-year Algebra course in which students are engaged in learning many concepts about monomial and polynomial expressions, inequalities, ratios, exponents, proportions, functions, graphing linear and quadratic functions, and simplifying and performing operations with rational expressions. The course also looks at concepts in geometry such as perimeter, area, surface area, and volume and introduces students to trigonometry and probability. Students apply these concepts through solving various levels of equations and through word problems. *At the teacher's discretion, along with the Algebra 1 class, a student could be placed in a support class (not UC/CSU approved) to receive individualized help completing homework, reviewing current and past concepts, and preparing for assessments.*

Geometry **UC/CSU Approved Math**
Prerequisite: Algebra 1
In this course, base concepts, terminology, and notations involved in geometry are introduced. Both abstract and practical aspects are covered. The subject builds from a basis of the terms; point, line, and plane, uses them in definitions and postulates, and then finally, in proved theorems. Definitions, postulates, and theorems are systematically brought into the course as they relate to the topic covered. Algebraic and arithmetic methods and relationships are employed throughout the course.

Algebra 2 **UC/CSU Approved Math**
Prerequisite: Geometry
Students will strengthen their understanding of concepts covered in Algebra 1 in addition to exploring more advanced concepts such as linear equations, inequalities and systems, quadratic, polynomial, exponential, logarithmic and rational functions, equations, and expressions.

Algebra 2 Honors **UC/CSU Approved Math**
Prerequisite: Geometry (Recommended Grade: B or better)
In this course, the topics of Algebra 1 are reviewed and expanded at an accelerated pace. The topics include, but are not limited to, the structure of the real number system with an extension into the complex number system, a careful study of mathematical functions (constant, linear, quadratic, rational, logarithmic, exponential), and a reinforcement of the connection between algebra and geometry.

Pre-Calculus **UC/CSU Approved Math**
Prerequisite: Algebra 2/Algebra 2 Honors
This is a course in which topics of Algebra 2 and Geometry are reviewed and expanded. It is designed to prepare students for any of the senior-level mathematics courses, particularly, but not exclusively, the calculus courses. This course provides students with an in-depth study of families of functions including polynomial and rational, exponential and logarithmic, and trigonometric and circular functions. Emphasis is placed on both conceptual understanding and practical problem solving.

Pre-Calculus Honors **UC/CSU Approved Math**
Prerequisite: Algebra 2/Algebra 2 Honors (Recommended Grade: B or better)
Topics of Algebra 2 and Geometry are reviewed and expanded at an accelerated pace in this advanced course. It is designed to prepare students for any of the senior-level mathematics courses, particularly, but not exclusively, the calculus courses. This course provides students with an in-depth study of families of functions including polynomial and rational, exponential and logarithmic, and trigonometric and circular functions. Emphasis is placed on both conceptual understanding and practical problem solving. An introduction to Calculus is also an integral part of the course.

AP Calculus AB **UC/CSU Approved Math**

Prerequisite: Pre-Calculus/Pre-Calculus Honors (Recommended Grade: B or better)

Advanced Placement (AP) Calculus AB is focused on developing students' understanding of the concepts of calculus and to provide experience with its methods and applications. AP Calculus AB is a rigorous course that emphasizes the learning of essential concepts: limits, derivatives and applications (such as related rates and modeling), integration, applications, and slope fields. These concepts are required for success in future higher mathematics courses as well as for the AP Calculus AB test. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. A key entity of instruction in this course is students' learning of mathematics and engagement in critical thinking. This is supported by a variety of instructional strategies including, but not limited to, small group and whole class discussions, self-study, and technology-supported activities. Technology is used on a regular basis to investigate and reinforce connections between the various representations of functions, to confirm answers, and to perform experiments leading to the development of new concepts.

AP Calculus BC **UC/CSU Approved Math**

Prerequisite: AP Calculus AB or Administrative Approval

Advanced Placement (AP) Calculus BC curriculum is equivalent to that of a first-semester college calculus course and the subsequent single-variable calculus course. BC acts as an extension of AP Calculus AB—focused on developing students' understanding of the concepts of calculus and to provide experience with its methods and applications. AP Calculus BC is a rigorous course that emphasizes some of the same AB concepts: limits, derivatives with applications, integration with applications. In addition to these, BC will encompass a deeper understanding and more complex formats of AB concepts and series (such as converging series, tests, and Taylor polynomials and series). These concepts are required for success in future higher mathematics courses as well as for the AP test. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. A key entity of instruction in this course is students' learning of mathematics and engagement in critical thinking. This is supported by a variety of instructional strategies including, but not limited to, small group and whole class discussions, self-study, and technology- supported activities. Technology is used to investigate and reinforce connections between the various representations of functions, to confirm answers, and to perform experiments leading to the development of new concepts.

Statistics **UC/CSU Approved Math**

Prerequisite: Algebra 2/Algebra 2 Honors

Statistics is an introductory course that uses data collected from, or representative of, real world scenarios to perform statistical computations from which students will draw conclusions about the world around them. Students will learn to collect data in an unbiased fashion. Students will produce and organize data. Students will make use of probability and simulations to make predictions and will confirm or reject mathematical models through statistical inference. Technology in the form of computers and graphing calculators will be used throughout the course as the primary tools for data analysis.

AP Statistics **UC/CSU Approved Math**

Prerequisite: Algebra 2/Algebra 2 Honors (Recommended Grade: B or better)

This is a yearlong class that is equivalent to a one-semester, introductory, non-calculus-based college course in statistics. The course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. There are four themes in the AP Statistics course: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students use technology, investigations, problem solving, and writing as they build conceptual understanding.

Personal Finance

Designed for 12th Grade

Personal finance is a year-long course that prepares students for their futures by focusing on basic finance skills that are relevant to the lives of teens and young adults. The initial focus of the course will be learning to create a budget, develop a resume, and prepare for a job interview. Class discussions, hands-on practice, classroom interaction with employers/professionals, and computer simulations will enhance the learning of the course material.

Science

General Science **UC/CSU Approved College Prep Elective**

Taken in conjunction with Algebra 1A

The General Science curriculum is designed to continue student investigations of the physical sciences that began in grades K-8 and provide students the necessary skills to have a richer knowledge base in physical science. This course is designed as a survey course of chemistry and physics. This curriculum includes the more abstract concepts such as the conceptualization of the structure of atoms, motion and forces, and the conservation of energy and matter, the action/reaction principle, and wave behavior. Students investigate physical science concepts through experience in laboratories and field work using the processes of inquiry.

Biology **UC/CSU Approved Science**

Minimum Co-Requisite: Algebra 1

This course centers on the study of living things. Their structures, functions, behavior, relationships, and classification will be studied. Students will develop an understanding of the diversity of life and the interdependence of all organisms. There is a lab component to this class. Biology lab attendance and completion of biology lab reports are requirements. Lab activities will promote technical lab competence, utilize the scientific process of research and reporting, as well as teach and reinforce scientific concepts.

Biology Honors (Formerly Biology Pre AP) **UC/CSU Approved Science**

Prerequisite: Algebra 1 (Recommended Grade: B or better)

This course centers on the study of living things. Their structures, functions, behavior, relationships, and classification will be studied. Students will develop an understanding of the diversity of life and the interdependence of all organisms. There is an excelled lab component to this class. Lab attendance and completion of biology lab write ups, lab reports, and data are requirements. Lab activities will promote technical lab competence, utilize the scientific process of research and reporting, as well as teach and reinforce scientific concepts. We will be utilizing the AP labs as well as others to enforce the Pre-AP status. Students will have online assignments for additional learning.

Physics **UC/CSU Approved Science**

Prerequisite: Biology

Physics is the study of why things work the way they do, such as forces, energy, sound, light, electricity and heat. Because this is a conceptual class, the only math skills required will be basic graphing skills and the ability to solve simple algebraic equations. Instead of math, students will focus on reasoning skills and how to construct arguments based on the fundamental laws of the universe. This class is heavily based on inquiry and experimentation through labs, demos and in-class activities. Far more than learning specific facts, formulas and information, this class is designed to teach students how to think scientifically: to ask a question, formulate a hypothesis, test through experimentation, analyze the results, and draw a conclusion.

Chemistry **UC/CSU Approved Science**

Minimum Co-requisite: Algebra 2

Chemistry is the study of the fundamental material that makes up all matter. Over the course of the class, topics such as atomic structure, chemical bonding, stoichiometry, reactions, states of matter, and thermodynamics will be studied. This course counts as a lab science and will include investigative labs that reinforce each concept. Chemistry will require math skills including, but not limited to, graphing skills, equation solving, unit analysis, and logarithms.

Computing and Robotics **UC/CSU Approved Additional Science (3rd Year or beyond)**

A course in robotics is a fun introduction to computing and programming, and students will discover how many activities can be broken down into logical step-by-step routines. Students will then see how these routines can be replicated in computer code and executed by a robotic system. Overall, this course will teach logical awareness, critical thinking, teamwork and practical hands-on skills that will be applicable in a collegiate or workplace environment.

Anatomy and Physiology **UC/CSU Approved Science**

Designed for 11/12th Grade; Prerequisite: 2 lab sciences

Anatomy and Physiology is a second year Biology course for students interested in biology, medicine and health related professions, or a life science related profession. The major concepts of Anatomy and Physiology include levels of organization, support and movement, integration and coordination, transport, absorption and excretion and the human life cycle. These units will be used as the outline to look at the 11 human body systems as well as its sub-units. Students are introduced to many lab exercises that will allow them an understanding of the workings of the human body and the importance of correct laboratory procedures.

AP Biology **UC/CSU Approved Science**

Prerequisite: Chemistry (Recommended Grade: B or better)

The Advanced Placement (AP) Biology curriculum is equivalent to a college course usually taken by biology majors during their first year of college. The course differs significantly from a first year high school Biology course with respect to the kind of textbook used, the range and depth of topics covered the kind of laboratory work done by students, and the time and effort required by the students. The primary emphasis of the course is on developing an understanding of concepts, a grasp of science as a process rather than an accumulation of fact, personal experience in scientific inquiry, recognition of unifying themes that integrate the major topics of biology and the application of biological knowledge and critical thinking to environmental and social concerns.

AP Chemistry **UC/CSU Approved Science**

Prerequisite: Chemistry, Algebra 2/Algebra 2 Honors (Recommended Grades: B or better)

The Advanced Placement (AP) Chemistry course provides students with a college-level foundation to support future advanced coursework in chemistry. Students cultivate their understanding of chemistry through inquiry-based investigations, as they explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium. This course is designed to be the equivalent of the general chemistry course usually taken during the first college year.

AP Physics 1 **UC/CSU Approved Science**

Designed for 11/12th Grade; Prerequisite: Biology (Recommended Grade: B or better)

Advanced Placement (AP) Physics 1 is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound.

AP Computer Science Principles **UC/CSU Approved Additional Science (3rd Year or beyond)**

This course introduces students to the foundational concepts of computer science and explores the impact computing and technology has on our society. The lessons and materials incorporate Project-Based Learning (PBL), an approach that actively engages students in the educational process, improves retention, and develops problem solving, critical thinking, and group communication skills. Through this collaborative, learner-centric approach, students will explore the advantages and societal impact of computational technology while developing their own programming and computational thinking skills.

Language Other Than English (LOTE)

American Sign Language (ASL) 1 **UC/CSU Approved LOTE**

This course focuses on introducing language in context and reinforcing what is learned by engaging students in various interactive activities. A conversational curriculum requires students to be active learners, and to develop language skills such as basic grammar, ASL parameters, vocabulary, finger spelling, numbers, interpersonal communication skills and awareness of the Deaf culture. This class is conducted in American Sign Language (ASL) from day one. Students will be immersed in the language for four hours a week to maximize language learning, and will use gestures, signs, drawings, along with acting out situations to ensure clear expectations and understanding of the message being portrayed.

American Sign Language (ASL) 2 **UC/CSU Approved LOTE**

This course focuses on functions and grammar features that are expanded from ASL 1 to include new functions from talking about oneself, to talking about other people, activities, giving directions, describing others, and making requests. Students will develop language skills such as classifiers needed for describing people, locations, and objects. They will be immersed in the language for four hours a week to maximize language learning. The teacher will use gestures, signs, drawings, along with acting out situations to ensure clear expectations and understanding of the message being portrayed.

American Sign Language (ASL) 3 **UC/CSU Approved LOTE**

This course focuses on functions and grammar features that are expanded from ASL 1 & 2, with an emphasis on improving speed and fluency. This course includes new functions in discussions location, describing situations, and making requests. Students will continue working with classifiers and expanding understanding of Deaf culture. They will be immersed in the language for four hours a week to maximize language learning. The teacher will use gestures, signs, drawings, along with acting out situations to ensure clear expectations and understanding of the message being portrayed.

American Sign Language (ASL) 4 **UC/CSU Approved LOTE**

This course expands and builds on students narrative skills from informal to formal styles, conversational skills used in everyday life, and language skills needed to explain ideas or concepts. They will be immersed in the language for four hours a week to maximize language learning. The teacher will use gestures signs, and drawings, along with acting out situations to ensure clear expectations and understanding of a message being portrayed.

Spanish 1 **UC/CSU Approved LOTE**

This class will engage students to communicate in Spanish at a basic level through various modes, such as: speaking, listening, reading, and writing. With an emphasis on oral communication, correct grammar usage, and vocabulary recognition, students will learn to communicate in Spanish throughout the year. Students will be held accountable for their learning through class interaction and participation, as well as weekly homework assignments and other weekly assessments. Learning will take place in an immersion atmosphere with an emphasis on student-led learning, lecture and partner work.

Spanish 2 **UC/CSU Approved LOTE**

This class will engage students to communicate in Spanish at a more intermediate level in preparation for Spanish 3. With an emphasis on oral communication, correct grammar usage, and vocabulary recognition, students will increase their Spanish communication, building on material learned in Spanish 1. Students will be held accountable for their learning through class interaction and participation, as well as weekly homework assignments and other weekly assessments. Learning will take place in an immersion atmosphere with an emphasis on student-led learning, lecture and partner work.

Spanish 3 **UC/CSU Approved LOTE**

This class will engage students to communicate in Spanish at a more intermediate level designed to help students think about how Spanish can and will positively affect their lives now and in the future. With an emphasis on speaking, students will be challenged to make connections with Spanish as it pertains to their real lives. While there will be vocabulary quizzes and grammar tests, emphasis is put on project-based learning, speaking skills and oral evaluation.

Bible

Bible 9

Designed for 9th Grade

This course is to study the Bible together, allowing God's word to speak to us. By the end of the year, students will have a good understanding of scriptures as a whole, and how Jesus is the hero. The goal is to learn to know Christ in a personal and meaningful way, and to discuss personal experiences, questions, and perspectives in a safe and welcoming environment.

Bible 10/11

Designed for 10/11th Grade

The goal of this Theology course is to enable students to further develop their understanding of who God is and what He has revealed about His nature, His purposes, His ministry, and His people. Each student will be challenged to discover what it means to be an integral part of the body of Christ and then be equipped to turn this knowledge into practice.

Bible 12

Designed for 12th Grade

This course is designed to examine and challenge our perspective. Our perspective is our ideas, thoughts, and beliefs about the world we live in. We will study various philosophies and religions juxtaposed with Scripture and Christian theology. In this class you are expected to wrestle with your faith, ask hard questions, and respect everyone around you as they do the same.

ELD Bible

Designed for non-native English speaking students.

The ELD Bible class is designed to help international students become familiar with the Bible and Christianity in general. This course aims to help students navigate a new culture and understand Christian values as laid out in the Bible. Students will be free to discuss their personal experiences, questions, and perspectives in a safe and welcoming environment. It is our hope that the students will experience the love and grace of God in this class.

Ambassador Bible

Designed for all grade levels; Application Required

In order to help the international students learn about our faith and culture (See ELD Bible description), a select group of student leaders are chosen as Ambassadors. Ambassadors are in the ELD Bible class, alongside our international students, helping to explain in their own words the topics discussed in class. It is their role to connect with international students personally and socially, and to lead in group discussions and projects.

Electives/Visual-Performing Arts (VPA)

Advanced Band **UC/CSU Approved VPA**

Advanced Band builds upon prior years by allowing students to hone their skills and explore the world of music as an artist. This class focus on building a lifelong relationship with music through careers, education, community engagement, and worship. For advanced students (3+ years of experience), Advanced Band affords student the chance to explore the world or professional musicianship.

Included Musical Genres: Jazz, Solo Repertoire, Pep Band, Concert Band, and Worship Music

AP Studio Art (2-D Art and Design, or Drawing) **UC/CSU Approved VPA**

This Advanced Placement (AP) Studio Art course is designed for students have demonstrated a strong interest in the experience of art making. Students create a portfolio of work made up of 27 to 29 pieces of art and design which will include process documentation and written information about the work presented. This portfolio is the exam. The AP 2-D Art and Design, and AP Drawing courses are designed to be the equivalent of a one-semester, introductory college course in 2-D art and design and drawing, respectively.

Art **UC/CSU Approved VPA**

Students will be introduced to the five strands of the California Visual Arts standards through a variety of project-based instruction. Students will learn the elements and principles of art. They will learn to critically evaluate and discuss artwork with a visual art vocabulary. Students will investigate the role of visual arts in history, culture, and current society. They will develop visual arts techniques through assignments designed to enhance student appreciation for both 2D and 3D artworks.

Beginning Band **UC/CSU Approved VPA**

Beginning Band is a student's first introduction to musicianship, the fundamentals of theory, instrumental techniques, and the value of a life lived in Christ a musician. For beginning students (0-2 years of experience), Beginning Band allows students to explore the world of music in relaxed, fun, and engaging ways.

Included Musical Genres: Drumline, Concert Band, Worship Music

Chapel/Worship Band

Worship Band is built to provide a solid Biblical framework for worship, instruction for how to play effectively in a band, and how to lead a band or worship team during Chapels and other events. Open to students at every level of playing ability. Band Lab will expose students to a variety of musical styles and genres. Students will learn the major worship trends throughout church history as well as the current landscape, and be able to articulate their own philosophy of worship.

Choir **UC/CSU Approved VPA**

This is a year-long course open to all students interested in participating in a mixed choir (Soprano, Alto, Tenor, Bass) and performing a large array of music of different styles, cultures, genres, and periods. Emphasis will be given to vocal development and control, blending, tonal memory and articulation, and will be assessed through the public performance of medium to difficult high school choral literature. Additional emphasis will be given to music theory and musicianship, and the preparation of a portfolio for advanced study and career development.

College Advisory

Pass/No Credit Class; Designed for 12th grade; 4-year college bound students.

College Advisory is a semester 1 course held in the fall and is only available to seniors. The purpose of this course is to provide timely and essential college application information to seniors applying to 4-year colleges. Each student will receive assistance in completing the various steps of each college's application process. The goal is for students to successfully complete their college applications. There will be milestones along the way to complete assignments such as signing up for college visits, college essay completion, Senior Questionnaire, SAT/ACT registration, recommendation forms, scholarship searches, and college application completion. This class is not geared towards students applying to community college, military, or other post-secondary options.

Computers

Designed for 9th; taken with Geography

This semester-long course provides the student with the essential knowledge required for a well-rounded understanding of the use of the computer as a tool to gather and produce meaningful information in both educational and professional environments. The course allows the student to achieve an understanding of computer technology, ethics, safety, hardware, software, and networking; in addition, an understanding of how computers can be used to enhance lifelong learning. An emphasis will also be placed on keyboarding skills throughout the duration of this course, measuring for speed, accuracy, and improvement.

Conditioning

The purpose of this co-ed course is to give all BCHS athletes an opportunity to complete their team workouts during the school day. The emphasis in this course is on muscular strength, endurance, flexibility, and safety. Team workouts vary by team and may include some or all of the following core lifts: parallel squats, cleans, and bench press. Weight room safety, warm-up/cool down procedures, lifting technique and safety for all lifts, and individual goal setting are all important components in this course. Cross fit components such as plyometric box jumping, tire flipping, and heavy rope exercises may be included. In addition, students will monitor and improve their fitness levels throughout the semester.

Drama **UC/CSU Approved VPA**

This course is designed to give students a basic understanding of the Theater Arts. They will learn basic theatre principles (improvisation, voice control, oral interpretation, directing, blocking, etc.) The goal is that the students will establish a foundational level of knowledge in the Theater Arts.

Event Technology

The Event Technology course is designed to teach the various skills needed for the technical aspects of running an event. Included in the course will be techniques on lighting, sound, multi-media, and emerging technologies that will enhance corporate worship and events. Students will apply this knowledge and practice operating tech for our weekly chapels and other school events.

Female Fitness

The purpose of this course is to give females a non-threatening environment in which to try new ways to stay fit for life and learn more about personal and female health issues. Activities will emphasize women's life fitness and wellness, and could include Presidential Physical Fitness Testing, core fitness training, yoga, nutrition analysis, strength training, and stress reduction. Women's health issues that will be explored include: mammography, female cancer considerations, female health issues, and bone density/osteoporosis.

Film Studies **UC/CSU Approved College Prep Elective**

While film is commonly seen as a form of entertainment, it does, whether viewers are fully aware or not, shape and reflect the way people think. The goal in film studies is to watch movies with multiple levels of awareness so that students can develop an appreciation for film as a storytelling art form and unpack what messages are being conveyed through what they watch. Through watching, analyzing, and critiquing classic and contemporary films, students will explore how film functions in society as both art and literature. This course will study the language, formal elements, and development of film while developing a deeper understanding of the social impact of the film.

Graphic Design **UC/CSU Approved VPA**

This class will emphasize aesthetics and creativity, design, drawing, and project implementation. Assigned and individualized projects along with course work on history and page layout, photography, and design are also included. Student work will be evaluated by a common yearlong portfolio and students will be expected to participate in projects and other assignments. Aesthetic judgment will be a part of the course. Students will become well-versed in the basic operation of the entire Adobe Creative Suite (Photoshop, InDesign, and Illustrator). Credits may be used toward the Interactive Communications and Media requirement.

Intermediate Band **UC/CSU Approved VPA**

Intermediate Band continues study in music theory, musicianship, and instrumental techniques learned in Beginning Band. This class emphasizes being a 'team playing' musician in band and our role as in the body of Christ. For the intermediate student (2-3 years of experience), this class focuses on teaching the appreciation and joy of music when brought into our daily lives.

Included Musical Genres: Pep Band, Concert Band, Worship Music

Life Skills

Pass/No Credit Class; Designed for 12th grade

This is a semester 2 class that covers the basics for our seniors. Transitioning out of high school is a very exciting yet often scary event. The goal of this class is to help the transition go smoother. Some of the topics may include, but are not limited to, basic car maintenance, how to create a budget, building a resume, healthy eating, sleep, and exercise, interview skills, table manners, laundry do's and don'ts, and how to make pasta…just to name a few.

Ministry

Designed for 11/12th Grade; Application Required

This course is designed to teach students what it means to fulfill the Great Commission (Matthew 28:19). Our focus will be on serving others through various capacities including our chapel programs. In this course students will have the privilege and responsibility to invest yourself uniquely and participate in the growth of others around you.

PE

The aim of this course is to improve motor skills and refine movement execution, maintain and develop physical fitness, develop an understanding of a healthy lifestyle, develop emotional stability, develop healthy interpersonal relationships, develop sportsmanship and good behavior, and experience recreational activities and gain insight into the value of balanced leisure time and recreational participation.

Psychology **UC/CSU Approved College Prep Elective**

Psychology is the study of behavior and mental processes. Psychology is a science that seeks to describe, predict, understand and influence behavior, behavioral development and maladaptive thoughts. As a result of an expanded understanding of the brain and neurobiology, there is an enhanced understanding of the biological process that underlie behavior, memory, sleep and psychological disorders.

Public Speaking **UC/CSU Approved College Prep Elective**

Public speaking is a year-long comprehensive course designed to help students become skilled oral communicators. Students will study the process of speaking and listening in communication (both verbal and nonverbal) and understand its impact on individuals and society. In the process of developing skills for planning, researching, practicing and delivering speeches, students will gain an understanding of the distinct types of public speaking, their purposes, and methods of delivery. Through exposure to speeches from novice to expert orators, students will learn how to evaluate the efficacy of speakers and their message by analyzing the style, content, and tools they employ. In addition, the course introduces students to performance speech and formal debate to open pathways for academic competition, performing arts, and career pursuits. Students will engage in whole class and small group discussions, write and deliver oral presentations including informational, persuasive, extemporaneous, impromptu, oral interpretation and debate, and make strategic use of digital media and visual displays to enhance their presentations.

Student Council (STUCO)
Pass/No Credit Class
The student government at Bradshaw Christian High School is a team of students, some elected and some volunteers, who coordinate, collaborate, and cooperate to organize school-wide and class activities for the purpose of improving student participation in school activities and school spirit. Committees within the class organize dances, rallies, spirit activities, team building, elections, clubs, and athletic ceremonies.

Study Skills
Pass/No Credit Class
Study skills is designed to introduce new study skills and allow students to complete their homework during school hours with teacher support. This period is for our students to understand the importance of academics for their success. We will strive to keep open communication with teachers, coaches, and parents regarding academic progress and challenges. *This is an invitation only course*

Teacher's Assistant (T.A.)
Pass/No Credit Class
As a Teacher's Assistant (TA), students will complete tasks for their assigned teacher that include but are not limited to grading, filing, photocopying, organizing, classroom decorating and on-campus errands. TA's earn credits toward graduation.

Video Production **UC/CSU Approved VPA**
An introductory course in the fundamentals of writing, shooting, and editing of video productions. This is a hands-on production course emphasizing aesthetics, creativity, technical expertise, and appreciation of film/video as an art form. Students will be expected to learn the terminology of video production/post-production and use this terminology competently in coursework, classroom discussions, and research assignments. Students will produce short video projects of increasing complexity over the course of this class to be shared online, amongst their peers, and saved to a professional digital portfolio.

Yearbook
In this course students will gain skills in one or more of the following areas: page design, publishing techniques, journalistic writing, editing and photography while producing a creative, innovative yearbook which records school memories and events. There is an emphasis on journalism skills in this class. Participants gain useful, real world skills in time management, marketing, teamwork, and design principles. The final project of the class is producing a quality yearbook for our school.