

COVENANT CHRISTIAN ACADEMY
9th-12th Grades Core Curriculum Overview

Grade	Bible	English	Mathematics	Science	Social Studies	Foreign Language, Co-Curricular
G9	<p>Biblical Foundations <i>Pilgrim's Progress</i> John Bunyan (Moody Publishing)</p> <p>Students explore the core truths of the Christian faith and consider how Christians are to live out and express their faith.</p> <p>Church History <i>Christian History Made Easy</i> Timothy Paul Jones (Rose Publishing)</p> <p>Students learn about the history of the church from the first century to the modern era.</p>	<p>English 9 <i>Writing & Grammar 9, 3rd ed.</i> (BJU Press)</p> <p><i>Language & Literacy 9</i> (Prentice Hall)</p> <p>Course includes emphases in grammar, creative and research writing, vocabulary, literature, and oral communication.</p>	<p>Algebra I <i>Algebra I</i> (BJU Press)</p> <p>Focus is on mastery of basic algebra concepts and problem solving skills needed for higher courses. Application problems, geometry, trigonometry, and vectors are introduced.</p>	<p>Biology <i>Biology</i> (BJU Press)</p> <p>This is a college preparatory course that reveals God's power and glory in creation through cellular biology, genetics, taxonomy, microbiology, botany, and zoology. Students are pointed to Scripture as the ultimate authority and are encouraged to develop a biblical perspective about these topics. Lab dissections and reports are an integral part of the course.</p>	<p>World History <i>World History</i> (BJU Press)</p> <p>This course starts with an examination of early civilizations and progresses through the growth of key empires, social movements, and wars. Emphasis is placed upon their impact on world history and its development.</p>	<p>Physical ED / Health <i>Total Health</i> (ACSI – Purposeful Design)</p> <p>Curriculum for high school designed to provide students with a thorough understanding of all important health issues. Directs teens toward making wise choices. This is a biblically-based, scientifically-sound curriculum.</p>
G10	<p>New Testament <i>Hope of the World</i> Rachelle Wiersma (CSI)</p> <p>Students will examine how God's covenant unfolds through the ministry of Jesus Christ and the work of the Holy Spirit in the early church. Scripture memory is emphasized.</p>	<p>English 10 <i>Writing & Grammar 10, 4th ed.</i> (BJU Press)</p> <p><i>Language & Literacy 10</i> (Prentice Hall)</p> <p>A world literature course that includes advanced grammar, composition, research, oral communication and vocabulary.</p>	<p>Algebra II <i>Algebra II</i> (BJU Press)</p> <p>Prepares students for calculus. Reinforces trigonometry concepts and provides practice with statistics.</p>	<p>Physical Science <i>Physical Science</i> (ACSI – Purposeful Design)</p> <p>This is a study of matter: its structure, chemistry, motion and energy. Also studied is the energy of several types of waves, and technology.</p>	<p>United States History <i>United States History</i> (Pearson)</p> <p>This is a college preparatory course focused on the birth and development of our nation.</p> <p>AP United States History (Elective) <i>The American Pageant</i> (Cengage Learning)</p> <p>An advanced US History course which explores our nation through the use and analysis of documents, images, cartoons, quantitative data, and other primary sources. AP test taken in early May.</p>	<p>Spanish 1 <i>Realidades 1</i> (Pearson)</p> <p>Students develop skills in conversation, writing, and Spanish vocabulary.</p>
G11	<p>Christian Doctrine <i>Core Christianity: Finding Yourself in God's Story</i> Michael Horton (Zondervan)</p> <p><i>Counter Culture</i> David Platt (Tyndale Momentum)</p> <p>A comprehensive study of the basic beliefs commonly held by believers regarding God, man, the work of Jesus Christ, and the church. Scripture memory is emphasized.</p>	<p>American Literature <i>The American Experience</i> (Prentice Hall)</p> <p>An American literature course that includes advanced composition, research, oral communication and vocabulary.</p> <p>AP English Language & Composition (Elective) <i>The Language of Composition: Reading, Writing, Rhetoric, 2nd Ed.</i> (Macmillan)</p> <p>An advanced English class with an emphasis in analyzing literature and summarizing selections in essay format. AP test taken in early May.</p>	<p>Geometry <i>Geometry</i> (BJU Press)</p> <p>This course includes instruction and practice in basic figures, deductive reasoning, lines and planes, triangles, quadrilaterals, polygons, trigonometry, tangents, arcs, area and volume, coordinate geometry, and transformations.</p>	<p>Chemistry <i>Chemistry: Precision and Design</i> (A Beka Book, Inc.)</p> <p>The curriculum includes the major themes of physical science: matter and energy. States and forms of matter are investigated through problem solving, laboratory experiments and discussions.</p>	<p>AP Government & Politics <i>American Politics Today, AP ed.</i> (W.W. Norton & Co.)</p> <p>Study the key concepts and institutions of the political system and culture of the United States. You'll read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project.</p> <p>Economics <i>Economics: Work & Prosperity</i> (A Beka Book, Inc.)</p> <p>Emphasizes free enterprise capitalism in a free market economy. Biblical views of work, wealth, and stewardship teach proper economic roles of individuals, producers, consumers, and the government.</p>	<p>Spanish 2 <i>Realidades 2</i> (Pearson)</p> <p>Students continue to master skills in conversation, reading and writing in Spanish, and developing an extensive Spanish vocabulary.</p>

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12	<p>Apologetics <i>Taking Every Thought Captive</i> Richard Pratt</p> <p><i>Essential Truths of the Christian Faith</i> R.C. Sproul</p> <p>A course that equips students to defend the Christian faith and analyze false religions. Scripture memory is emphasized.</p>	<p>British Literature <i>The British Tradition</i> (Prentice Hall)</p> <p>A study of British literature with advanced composition, research, vocabulary, and oral communication.</p> <p>AP English Literature & Composition (Elective) <i>Perrine's Literature: Structure, Sound, and Sense 7th Ed.</i></p> <p><i>AP English Literature & Composition - 8th Ed.</i> (D&S Marketing)</p> <p>An advanced English class with an emphasis in analyzing literature and summarizing selections in essay format. AP test taken in early May.</p>	<p>Advanced Math* <i>Precalculus</i> (BJU Press)</p> <p>Includes geometry, precalculus and trigonometry. Algebraic skills are refined, and word problems become more complex. This course is designed to prepare students for post-secondary mathematics.</p> <p><i>*May be taken during the 11th grade year in conjunction with Geometry.</i></p> <p>Precalculus* <i>Precalculus</i> (McGraw Hill)</p> <p>Includes geometry, precalculus and trigonometry. Algebraic skills are refined, and word problems become more complex. While similar to the Advanced Math course, this course moves at a faster pace and makes intentional connections to AP Calculus.</p> <p><i>*May be taken during the 11th grade year in conjunction with Geometry.</i></p> <p>AP Calculus AB (Elective) <i>AP Calculus</i> (Prentice Hall)</p> <p>This course includes trigonometry, derivatives, integrals, and series. AP test taken in early May.</p>	<p>Physics <i>Physics: the Foundational Science</i> (A Beka Book, Inc.)</p> <p>This course includes traditional physics topics of classical mechanics, as well as energy, matter, thermodynamics, electromagnetics, optics, and modern physics.</p> <p>AP Environmental Science <i>Environmental Science, AP Edition</i> (Bedford, Freeman, and Worth)</p> <p>The AP Environmental Science course challenges students to explain various environmental concepts and processes through analyzing data, reviewing and preparing visual representations, and key writings. Students will apply various quantitative methods to solve environmental problems and propose solutions with supporting evidence. Students will also analyze research studies and identify a hypothesis.</p> <p>AP Computer Science A (Hybrid Course / CompuScholar)</p> <p>The AP Environmental Science course challenges students to explore complex computer programs by developing the algorithms and code necessary to implement them. Students will also document and explain how program code works while testing and correcting their errors. This is a versatile course that can be counted as a student's fourth science or forth science or in some cases as a world language credit.</p>	<p>AP Government & Politics* <i>American Politics Today, AP ed.</i> (W.W. Norton & Co.)</p> <p>Study the key concepts and institutions of the political system and culture of the United States. You'll read, analyze, and discuss the U.S. Constitution and other documents as well as complete a research or applied civics project.</p> <p>Economics* <i>Economics: Work & Prosperity</i> (A Beka Book, Inc.)</p> <p>Emphasizes free enterprise capitalism in a free market economy. Biblical views of work, wealth, and stewardship teach proper economic roles of individuals, producers, consumers, and the government.</p> <p><i>*Taken during the 12th grade year if not taken during the 11th grade year.</i></p>	<p>Mass Communication* <i>Mass Communications and Media Studies: An Introduction, 2nd ed.</i> Peyton Paxson</p> <p>Students are challenged to study and practice proper communication in various formats, including interviews, monologues, podcasts, and social media.</p> <p><i>*Taken during the 12th grade year if not taken during the 11th grade year.</i></p> <p>Personal Finance* <i>Foundations in Personal Finance – HS Edition</i> (Ramsey Education Solutions)</p> <p>A course designed to teach financial literacy, students will be introduced to the topics of saving, budgeting, debt, insurance and more.</p> <p><i>*Personal Finance is taught in an online format. Students take the course during their senior year.</i></p>