



**Unity Christian  
High School  
Course Catalog**

# COURSE CATALOG INDEX

<b>Academic Support</b>	<b>1</b>
Learning Strategies	1
<b>Agriculture</b>	<b>1</b>
Ag Science	1
Ag Mechanics I	1
Ag Mechanics II	1
Agriculture Business Management	1
Animal & Crop Science	2
Horticulture	2
Independent Ag	2
Wildlife and Natural Resources	2
<b>Art</b>	<b>2</b>
Advanced Art	2
Advanced Sculpture	2
Drawing and Painting	3
Independent Art	3
Intro to Art	3
Photography	3
Sculpture	3
Visual Design	3
Yearbook/Journalism	3
<b>Bible</b>	<b>4</b>
Defending the Faith	4
Doctrine and Devotion	4
Old Testament Covenants	4
The Life and Ministry of Christ	4
The Christian Life	4
<b>Business</b>	<b>5</b>
Accounting	5
Intro to Business	5
Intro to Marketing	5
Pathway to Leadership	5
Personal Finance	5
<b>English Language Learning (ELL)</b>	<b>6</b>
English Language I	6
English Language II	6

# COURSE CATALOG INDEX

<b>English</b>	<b>6</b>
Applied English	6
American Literature	6
Composition	6
Communications I	7
Communications II	7
English I	7
English II	7
Novels	7
<b>Foreign Language</b>	<b>8</b>
Spanish I	8
Spanish II	8
Spanish III	8
Spanish IV	8
<b>History</b>	<b>8</b>
American Politics	8
Current US History	9
World Cultures	9
Law	9
Psychology	9
US History	10
World History and Geography	10
<b>Math</b>	<b>10</b>
Advanced Math	10
Algebra I	10
Algebra II	10
Applied Geometry	11
Consumer Math	11
Geometry	11
Pre-Algebra	11
<b>Music</b>	<b>12</b>
Chorale	12
Concert Choir	12
Orchestra	12
Symphonic Band	12
<b>PE/Health</b>	<b>12</b>
PE/Health	12
Advanced Weightlifting	13

# COURSE CATALOG INDEX

<b>Science</b>	<b>13</b>
Anatomy and Physiology	13
Applied Biology	13
Biology	13
Chemistry	13
Earth Science	14
Physics	14
Science I	14
<b>Technology</b>	<b>15</b>
Digital Life	15
Engineering Design	15
CAD	15
<b>Non Unity Course Offerings</b>	<b>15</b>
CNA Course	15
Dordt Online Courses	15
Dordt and Northwestern Courses	16
NCC Courses	16
Work Release/Internship	16
<b>GRADUATION REQUIREMENTS</b>	<b>17</b>
Freshman Year	17
Sophomore Year	17
Junior Year	17
Senior Year	17
Graduation Credits Required	17

## **Academic Support**

### **Learning Strategies**

**Credit: 0.5 per semester**

**Grade: 9, 10, 11, 12**

**Prerequisites: Discretion of the Director of Academic Support**

Learning Strategies is a class that gives a student the opportunity to gain assistance on daily assignments, tests and projects in all academic classes. Referrals to Learning Strategies can be made by the student, teacher or parent. In this class, we strive to help students take responsibility for their education, develop proper study skills and set academic goals. Our Deep Hope for each Learning Strategies student is that they recognize that their work matters, and that they are able to rejoice in their growth and gifts for the glory of God.

## **Agriculture**

### **Ag Science**

**Credit: 0.5**

**Grade: 9, 10, 11, 12**

**Prerequisites: None**

This course focuses on sciences in agriculture, the career and leadership opportunities in agriculture, the Biblical stewardship of our natural resources, integrated pest management practices, and plant science. By studying Ag Science, you are opening the door to exciting educational programs and careers that contribute to better living conditions for people everywhere. What role will you play in the challenging task of producing food and fiber that will be required by future generations?

### **Ag Mechanics I**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: Ag Science**

This class will explore the basic skills and knowledge needed to advance in an agriculture mechanic career path. This course focuses on the use of oxyacetylene, stick welding, and wire welding equipment, and the career and leadership opportunities in ag mechanics. By studying Ag Mechanics you are participating in one of the most widely taught classes in agriculture in all 50 states.

### **Ag Mechanics II**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: Ag Science**

This class will explore the basic skills and knowledge needed to advance in an agriculture mechanic career path. Through this course, students will learn to identify hand tools, hardware and fasteners used in agricultural mechanics; use principles of electricity and safety for planning simple wiring systems; run wires and safely install boxes, switches, outlets, and fixtures; identify plumbing materials and perform basic plumbing procedures; and use masonry materials to mix and place concrete. By studying Ag Mechanics you are participating in one of the most widely taught classes in agriculture in all 50 states.

### **Agriculture Business Management**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: Ag Science**

This class will explore the basic skills and knowledge needed to advance in an agribusiness career path. This course focuses on the use of net worth statements, cash flows, income and expense summaries, budgets, cost analysis and the career and leadership opportunities in agribusiness. Students will analyze agriculture, farm, and ranch business management information; apply economic principles and concepts of farm business management to make decisions; and evaluate agriculture and farm business management decisions. By studying farm business management you develop business management skills and learn to apply economic principles to agriculture and agribusiness.

## **Animal & Crop Science**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: Ag Science**

This course focuses on agronomy and animal science, the career and leadership opportunities in agriculture, and the biblical stewardship of our crops and animals. It is designed to emphasize approved practices in crop science for grain, oil, specialty crops, forage and pasture management. The course will also include approved practices in animal science to determine nutritional requirements, animal health, genetics & reproduction, management of small animals, dairy & other livestock, & horse management. By studying animal and crop science you are opening the door to exciting educational programs and careers that contribute to better living conditions for people everywhere. What role will you play in the challenging task of producing food and fiber that will be required by future generations?

## **Horticulture**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: Ag Science**

This course focuses on the career and leadership opportunities in horticulture, the Biblical stewardship of our plants, management practices of a greenhouse, floriculture and landscaping. Students will be able to recognize and describe plant parts, explain the needs of plants, explain the factors that make up a plant's environment, and how to propagate plants. By exploring horticulture, you will be experiencing the most rapidly growing area in the field of agriculture. This new-found interest is because people look inwardly at a need to be closer to nature and outwardly at a world in which efficient methods of food production and conservation of the land are increasingly important.

## **Independent Ag**

**Credit: 0.5**

**Grade: 12**

**Prerequisites: Ag Science**

This course is designed to help students grow in the Agriculture field with supervision from the Ag instructor. Students and the ag instructor work together to pursue goals tailored to the individual student. Prior arrangement must be made with the Ag instructor.

## **Wildlife and Natural Resources**

**Credit: 1.0**

**Grade: 11 or 12**

**Prerequisites: Ag Science**

The goal of this course is to increase students' knowledge and awareness of the interrelationship of our natural resources; promote environmental awareness and stewardship; develop critical thinking, cooperative problem solving and decision-making skills; and present balanced options for the management of our renewable and nonrenewable natural resources in the areas of wildlife, forestry, aquatics and soils. There will be "projects," both individual and group, throughout the course. Projects will consist of observations, lab work and reports, research and communication of results. There will be field trips to area locations, as well as local experts that will be part of classroom presentations.

## **Art**

### **Advanced Art**

**Credit: 0.5**

**Grade: 11, 12**

**Prerequisites: Intro to Art, Drawing and Painting**

The course reviews the design elements and principles by providing specific projects in a variety of 2-dimensional media.

### **Advanced Sculpture**

**Credit: 0.5**

**Grade: 11, 12**

**Prerequisites: Intro to Art, Sculpture**

Advanced Sculpture is a course that will allow students to build on the ceramic skills they have already acquired (coil

and slab construction) in Intro to Art and Sculpture, and will introduce students to ceramic sculpture (sculpture by addition) some new sculpture media like casting, paper making and welding and carving (sculpture by subtraction).

## **Drawing and Painting**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: Intro to Art**

This course introduces painting through experimentation with several different two dimensional media and through application of the basic elements of design - line, shape, space, color, value, texture and form- with special emphasis on color. The principles of design - balance, rhythm, contrast, unity, movement and emphasis.

## **Independent Art**

**Credit: 0.5**

**Grade: 12**

**Prerequisites: 2 completed art credits and Approval of Art Instructor**

In this individual, self-paced course, students work with the Art Teacher to develop projects and goals. Students are given creative freedom in helping to design curriculum with the Art Teacher across a variety of mediums.

## **Intro to Art**

**Credit: 0.5**

**Grade: 9, 10, 11, 12**

**Prerequisites: None**

This course introduces design through the study of basic art elements - line, shape, space, color, value, texture and form - and practicing the techniques used with different media.

## **Photography**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: Intro to Art**

This course introduces students to digital photography, the mechanics of a camera, and how the principles of design apply to photography.

## **Sculpture**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: Intro to Art**

This course introduces various methods for manipulation of 3-dimensional materials for the creation of 3-dimensional works while considering the elements of design and the principles of design.

## **Visual Design**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: Intro to Art**

Visual Design Arts is an introductory course to a career in Graphic Design. It is a project-based class that develops skills in graphic design, using the computer programs Affinity Photo and Affinity Design. Students will use teacher led instruction, hardcopy tutorials and video tutorials to learn the tools of each of these programs and then use what they've learned to fulfill each of the projects.

## **Yearbook/Journalism**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites:**

Pulling in elements of photography, visual design, and article writing, students work together to help create and craft the school's yearbook under the supervision of the Yearbook supervisor.

\*\*This course is being reformatted into Journalism for the upcoming school year to add more of a writing emphasis. This course will be taught out of the English department as opposed to the Art department.

## **Bible**

### **Defending the Faith**

**Credit: 0.5**

**Grade: 12**

**Prerequisites: None**

Defending the Faith is a Bible course about Christian Apologetics (proofs and arguments for the truth of Christianity) and alternative worldviews (which includes not only other religions, but other popular modern belief systems as well). Emphasis will first be placed on recognizing God's zeal for His own Name, that it may be known and honored throughout the nations of the world, and also on His heart for bringing to Him a people of His own possession from every tribe and nation. Students will develop their ability to defend their faith when confronted by other people. This will be done by studying tactics and strategies for conversing with people of other belief systems and also by learning proofs and arguments for the Triune God and the truth of Christianity. Students will also grow their knowledge of alternative religions and worldviews that compete against Christ for the hearts and minds of human beings, and then analyze how those beliefs stack up against the true faith of Christianity. My deep hope is that students will become zealous that God's name be known and glorified among all peoples, ambassadors for God's Redemptive Kingdom among God's Common Kingdom, increasingly confident in their ability to understand, express, and contend for the Christian Faith.

### **Doctrine and Devotion**

**Credit: 0.5**

**Grade: 11**

**Prerequisites: None**

Doctrine & Devotion is a course that is designed around studying the Biblical teachings regarding God, man, sin, salvation, and eschatology. Our particular brand of understanding of scripture we call Reformed Theology. Through the traditional doctrines of Reformed Theology, as well as church history, we will deepen our understanding of who God is, who we are, and what our purpose is. Students will interact with the central doctrines of Reformed Christianity, reflect on them, and decide for themselves what their beliefs are. Students might not agree with everything we discuss in this class, but thinking about and exploring all 8 of these doctrinal categories will help them better understand what they do believe. My deep hope is that students will strengthen the Christian foundation upon which they stand; calibrate their thoughts and actions toward a Trinitarian worldview; use theological knowledge to better read and understand the Bible.

### **Old Testament Covenants**

**Credit: 0.5**

**Grade: 9**

**Prerequisites: None**

Old Testament Covenants explores God's first acts of Redemptive History as revealed in the Old Testament of the Bible. While always keeping an eye on the broad scope of history, each unit will focus on how God communicates with and works through His people covenantally. Specific emphasis will be placed on identifying the types and shadows which point us to and prefigure the person and work of Jesus Christ. My deep hope is that students will memorize the big picture storyline of the Old Testament events in order to be able to place any individual OT story they read into its proper context.

### **The Life and Ministry of Christ**

**Credit: 0.5**

**Grade: 10**

**Prerequisites: None**

The Life and Ministry of Christ explores how the person and ministry of Jesus Christ fulfills Old Testament Biblical Covenants and sets us up for growth and change here and now. The course starts with a New Testament walk through the Bible and reviews concepts and information in Old Testament Covenants. Time will be spent in daily Bible reading as well as "This Changes Everything", a book on how the gospel radically transforms and impacts teenage years.

### **The Christian Life**

**Credit: 0.5**

**Grade: 12**

**Prerequisites: None**



The Christian Life spends class time reading through the Wisdom Literature and memorizing scripture, understanding a variety of different spiritual disciplines, and reading through books to better understand God's will and his call for faithfulness in all seasons of life. A major focus of the course is habits and practices for lifelong discipleship and devotion to Christ.

## **Business**

### **Accounting**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: None**

Accounting is a one semester elective course offered to sophomores, juniors and seniors. It is designed to teach students how to keep financial records for a small service business and a merchandising business. Recordkeeping for a sole proprietorship, partnership, and corporation is covered. Daily work will be done using manual (by hand) procedures. Accounting is designed for students interested in business but also provides students with basic knowledge of how money is handled.

### **Intro to Business**

**Credit: 0.5**

**Grade: 12**

**Prerequisites: None**

Introduction to Business is a class where students will learn about various branches of the business field in order to help them find where their interests and passions lie. This class will touch on economics, marketing, financial literacy, computer literacy, human resources, management, ethics and entrepreneurship. Students taking this class will be engaged in various business simulations that will help grow their problem-solving skills as well as collaboration skills. The goal of this class is to introduce students to different areas of business so they become familiar with what options they have when pursuing a business degree.

### **Intro to Marketing**

**Credit: 1.0**

**Grade: 11, 12**

**Prerequisites: None**

Introduction to Marketing is a new class offered to help give students hands-on experiences in the business world. A primary focus of the course will be working with the Booster Club to design, promote, inventory, and assist in all operations of The Knight Store/Apparel Store. Students will collaborate with local leaders and industry leaders in the areas of marketing, design, sales, and more to grow their skills and abilities.

### **Pathway to Leadership**

**Credit: 0.5**

**Grade: 11, 12**

**Prerequisites: None**

Pathway to Leadership is a one semester elective offered to juniors and seniors. In this course, students will learn from books, articles, guest speakers, and personal visits to leaders in the community what it takes to lead well and lead holistically. Special emphasis is placed on personal leadership, health and well-being, spiritual maturity, and servant-leadership.

### **Personal Finance**

**Credit: 0.5**

**Grade: 12**

**Prerequisites: None**

This is a course designed to inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include saving, budgeting/banking, debt/credit, life after high school, consumer awareness, investing/retirement, insurance, careers/taxes, and giving(charitable contributions). Students will simulate the use of checking and saving accounts; demonstrate knowledge of finance, debt, and credit management; and evaluate and understand insurance and taxes. This course will provide a foundational understanding and a Christian perspective for making informed personal financial decisions.

## **English Language Learning (ELL)**

\*\*for students where English is a 2nd language

### **English Language I**

**Credit: 1.0**

**Grade: 10, 11, 12**

**Prerequisites: International student; dependent on proficiency testing**

This course focuses on building English proficiency in grammar, pronunciation, and writing. In the first semester there is an overview of grammar tenses. We will apply our growing facility with sentence structure and paragraph formation to various styles of writing. Students will also work on North American pronunciation of English to better understand and be understood in the classroom, home, and community. In the second semester specific elements of grammar will be highlighted, and we will expand our writing to include short essays, becoming familiar with MLA format. Students will also experience public speaking opportunities in small settings to build confidence for future enrollment in Communication I and II.

### **English Language II**

**Credit: 1.0**

**Grade: 10, 11, 12**

**Prerequisites: International student; dependent on proficiency testing**

This is a class for students who have successfully completed EL-I or who have passed the assessment for EL-I. This course works toward building an advanced level of English proficiency in grammar, vocabulary, writing, and public speaking. The goal is a successful transition to regular high school English classes and preparation for college enrollment. Students will use MLA and APA format in preparation for their enrollment in College Composition. Specific elements of advanced English grammar are highlighted throughout the course. In addition, a strong emphasis on building vocabulary and timed writing practice will help prepare students for the TOEFL and ACT/SAT exams.

## **English**

### **Applied English**

**Credit: 0.5**

**Grade: 11, 12**

**Prerequisites: selected by the Director of Academic Support**

Students in Applied English will analyze much of what is covered in American Literature (poetry, short story, essay) and Composition (grammar and writing) but in a slightly slower place and with more individual attention. This is not a class for students to opt into but one the Director of Academic Support selects.

### **American Literature**

**Credit: 0.5**

**Grade: 11**

**Prerequisites: English I, II**

American Literature is a one semester required course for juniors. It is a survey of over 400 years of literature dating back to the Puritans and continuing up to works by current American authors. The reading material is primarily poetry, essay and short story. One play, *The Crucible*, will also be covered. My deep hope for American Literature is that students can find DELIGHT in reading and studying great literature; that they build a learning community where they feel known and comfortable with articulating themselves; and that they become adept at picking out "essential" information during discussions and become good, independent note-takers.

### **Composition**

**Credit: 0.5**

**Grade: 12**

**Prerequisites: Communications 1, American Literature**

The main goal of Composition is to prepare students for college. The focus of the class is writing essays and practicing writing workshops with drafting. Another aspect of the class is a review of grammar. Each student will have to prove he is proficient in grammar by getting 80% on the final grammar test. Students will read several novels and a memoir in class while individually reading fiction and non-fiction books for a book review. The students will understand what makes good writing through their own writing and editing their peers' work. They will explore the amazing created world of words, practice their writing skills using drafts, and analyze literature in class and on their own. Students will be required to write several four paged essays using MLA format, book reviews, an essay test and

other creative forms of writing. Composition explores the use of story through reading and writing. My deep hope is that the students will become active storytellers, learning more about themselves, others and how their story fits into the larger story of redemption.

## **Communications I**

**Credit: 0.5**

**Grade: 11**

**Prerequisites: English II**

Communications I is a semester class that explores the world of communication through speech, interpersonal communication, and media exploration. The main goal of Communications I is to work on three areas: how to be a better communicator, how to be a good speaker, how to be a discerning Christian with the media we have today. The students will discover the many ways that we communicate. They will practice their use of communication with other students, at home, and at work. The students will develop speaking skills by way of four different speeches. The students will become more aware of the uses of advertisements, learn about the history of television and learn to view movies using several different criteria. Since the gift of communication surrounds us daily, my deep hope is that the students understand the gift of communication by being a servant speaker, a better listener, and having a deeper understanding of the media use in their life.

## **Communications II**

**Credit: 0.5**

**Grade: 12**

**Prerequisites: Communications I**

Communications II is a one semester film studies class for seniors. Students must have completed Communications I in order to be eligible to take this course. Students will spend countless hours watching movies in their lifetime. One goal of Communications II is to get students thinking about how to view film from a Christian point of view. Students are encouraged to consider what makes a film an example of "excellence." They are also asked to contemplate how examining humanity in film points back to the Creator.

One of my deep hopes for Communications II is that it helps students recognize that movies can and should engage in telling stories of brokenness and redemption. My second deep hope is that this project-heavy course improves their creative thinking and collaborative abilities.

## **English I**

**Credit: 1.0**

**Grade: 9**

**Prerequisites: None**

The main goal of English I is to get everyone on the same page with reading, writing and grammar. We will dive into all sorts of writing, creating masterpieces for the next generations. As characters, we will plot and scheme our way through novels, short stories and plays. We ain't got no place for poor grammar usage, so we will work to sharpen our knowledge there. My deep hope is that through the study of English I, students will see how God is the creator of the amazing world of words. They will practice their writing skills by being an editor within writing workshops, read a variety of literature genres, and review and study grammar, applying it to their writing.

## **English II**

**Credit: 1.0**

**Grade: 10**

**Prerequisites: English I**

Throughout the year, English II students will be focusing on developing a sense of empathy for others. We will be studying several short stories, Shakespeare's *Macbeth*, and two novels: *Lord of the Flies* and *Trouble*. Students will also stretch their writing and presentation skills through a creative writing unit, an extensive research paper, a poetry unit, and a video tutorial. This year, the biggest focus is connecting with and relating to others through the literature they read and the content they write. My deep hope is that students will become empathetic people who are advocates for all.

## **Novels**

**Credit: 0.5**

**Grade: 11, 12**

**Prerequisites: None**

The Novels class focuses on reading a wide variety of literature--modern, classic, multicultural, and even a graphic novel--to understand the ways that story impacts our lives. In addition to reading, this class involves a heavy dose of

creative writing. Students will learn how to use their writing to serve others. They will read widely and develop an appreciation for all kinds of literature. They will develop a sense of empathy for others, particularly those similar to our novel characters and write creatively in ways that stretch them and attempt to serve others. My deep hope is that students will become empathetic people who are advocates for all through connecting with and relating to others through the literature they read and the content they write.

## **Foreign Language**

### **Spanish I**

**Credit: 1.0**

**Grade: 9, 10, 11, 12**

**Prerequisites: None**

Spanish I is an introduction to the Spanish language and hispanic culture. Students will learn vocabulary through a variety of inputs as well as discover the culture through research and exposure. Students will be immersed in the language in culture, listening, reading, writing, and speaking through articles, stories, media, music, interviews, etc. They will be exposed to a variety of vocabulary in contexts that are memorable, personal, and practical. They will see and hear Spanish in contexts just above the level they are comfortable with in order to encourage learning through the use of coping strategies. They will appreciate and respect the culture and the cultural differences which God created to make all of his children unique and know and accept that cultures are different from each other and understand that that does not make either culture right or wrong. My deep hope is that all students will recognize diversity in language and culture as a gift from God to explore, value, and use so they can celebrate the beauty God creates in their lives when they build community across differences.

### **Spanish II**

**Credit: 1.0**

**Grade: 10, 11, 12**

**Prerequisites: Spanish I**

Throughout this course, students will continue to develop their Spanish in a variety of different ways. While building on the vocabulary and grammar from Spanish I, students will continue to learn ways to use these words in conversation. They will practice and strengthen their reading, listening, writing and speaking abilities. The course will also spend time studying the different cultures that speak Spanish. By doing this, students will develop an appreciation and empathy for people around the world. Most importantly, they will gain a new perspective on God's world and His people, and how they can be the hands and feet of Jesus in our own communities.

### **Spanish III**

**Credit: 1.0**

**Grade: 11, 12**

**Prerequisites: Spanish I, Spanish II and a B- grade or higher in Spanish 2**

Spanish III will help students develop Spanish language skills and a deeper understanding of Spanish-speaking cultures. Students will continue to build on what they have learned to sharpen their reading, listening, writing, and speaking skills. They will also dive deeper into current events, practices, traditions, and values of the different Spanish speaking countries. By learning about other cultures, they will continue to deepen and shape our understanding of God's love, His people, and our place in His world.

### **Spanish IV**

**Credit: 1.0**

**Grade: 12**

**Prerequisites: Spanish I, II, and III**

Students in Spanish IV will continue to practice the Spanish language by studying famous works from Hispanic artists, authors, poets, and musicians en Español. They will study famous celebrations and traditions and stay up to date on current events in various Spanish-speaking countries. As they dive deeper into the culture and history of the Spanish speaking world, they will gain an understanding and appreciation for the diverse cultures that God has created.

## **History**

### **American Politics**

**Credit: 0.5**

**Grade: 12**

**Prerequisites: None**

The course is a study of the basics of the American political system with some comparisons to other systems. The

course traces the roots of American politics, public policy, issues, and government functions. Special attention is focused on active Christian engagement in American politics with an emphasis on justice, shalom, and kingdom service. Students will be able to understand the philosophy and ideological trends in our government while developing Christian citizens who think critically. My deep hope is that students will trust that God is in control and become active leaders who reflect God's love.

## **Current US History**

**Credit: 0.5**

**Grade: 12**

**Prerequisites: Must be a senior**

**\*Counts as 2nd Social Science Course in Senior Year**

Current US History is a senior level elective. In this class, we will begin with JFK's assassination and end with the current policies put into place by the current and most recent Presidents. Students will be asked to make connections to things that have happened earlier in US history. Hopefully, through this class, students will get a better grasp of why things are currently happening and the events that led up to the most recent trends in the news. My deep hope for Current US History is that students will see God's pursuit of His story through the different events that are happening right now and connect those events to the previous knowledge they have gained.

## **World Cultures**

**Credit: 0.5**

**Grade: 10**

**Prerequisites:**

Modern World History and Geography continues the study of the rise and fall of nations, governments, cultures, religions, philosophies, economics, conflicts and arts under God's divine sovereignty from the post-WWI era through current world events. Students continue to examine the major physical, political and cultural systems of the world, while building skills in vocabulary, geographical reference study, critical thinking and decision-making, research, and writing. Students are encouraged, but not required, to complete a project to enter in the National History Day competition. Primary source readings, lecture, annotations and note-taking, textbook, and article readings, and a variety of digital resources are used to help students build context to understand and evaluate the lessons of the past that have shaped our world, and students are challenged to think about how they can apply their learning to fulfill their calling to be faithful stewards and citizens of this world. As they examine the choices and changes that have shaped history, students are encouraged to become "world Christians", developing the ability to understand God's plan and love for all nations.

## **Law**

**Credit: 0.5**

**Grade: 11, 12**

**Prerequisites: None**

**\*Counts as 2nd Social Science Course in Senior Year**

Law is an upper level junior and senior elective that is a single semester in length. This class is very non-traditional. Through this class, the hope is that students are confronted with issues and decisions that they have to work through and build their opinion and response through research and past events and cases. Students will have the opportunity to visit a few different law places as well as talk to a few different people in the law enforcement profession. Students will be challenged on a daily basis to answer some difficult questions, not with the right answer, but with a response that is backed by facts and evidence. This class will include mock trials, simulations, group & individual projects, movies, role playing/skits, discussions, debates, lectures, current events, reading comprehension/questions, and presentations. My Deep Hope for my law class is that my students and I will discover how to find the balance between justice and punishment, Christian morals and secular morals, and how to show justice and mercy in a broken world.

## **Psychology**

**Credit: 0.5**

**Grade: 11,12**

**Prerequisites:**

**\*Counts as 2nd Social Science Course in Senior Year**

In this challenging, senior-level course, students will study the science of human behavior and mental processes; worldviews and how they influence every person; the practical applications that can be drawn from Psychological science; and how Psychology finds its fulfillment through Christianity. Areas the course will touch on include: Psychological history, research methods, biology of the brain, perception, intelligence and learning, personality development, mental well-being, kinds and causes of mental illness, effects of stress and anxiety, and social

psychology. Through the study of Psychology, students will learn more about what it means to be made in God's Image. My deep hope is that students will define & refine their Christian beliefs and worldview, improve their critical thinking and learning skills, and explore psychological concepts and the role those play in shaping their thoughts and behaviors

## **US History**

**Credit: 1.0**

**Grade: 11**

**Prerequisites: None**

In 11th Grade U.S. History, students will study U.S. History from roughly the American Revolutionary War to World War II. Students will examine the social, cultural, political, technological, and economic changes throughout U.S. History. This course will explore the causes and effects of historical events through the use of critical thinking skills. Students will be pushed to continue connecting events and themes as we move from unit to unit. Students will also be asked to dive into the Creation, Fall, Redemption, and Restoration story for each unit as well as tying this framework from unit to unit and also to the various current events they discover. My deep hope for US History is that my students will see God's pursuit of His story through different people and events in the past.

## **World History and Geography**

**Credit: 1.0**

**Grade: 9**

**Prerequisites: None**

World History and Geography introduces students to the rise and fall of nations, governments, cultures, religions, philosophies, economics, conflicts and arts under God's divine sovereignty. Centered primarily on the western world, this course begins with the earliest river civilizations and then moves on to study the foundations of world civilizations through WWI. Students will examine the major physical, political and cultural systems of the world, while building skills in vocabulary, geographical reference study, critical thinking and decision-making, research, and writing. A major component of the course is hands-on practice of historiography through required participation in the National History Day competition. Students will use map work, timelines, lecture notes, annotations from primary sources, readings, textbooks and articles, and a variety of digital resources to better understand and evaluate the lessons of the past and apply their learning to fulfill their calling to be faithful stewards and citizens of this world. As they examine the choices and changes that have shaped history, students are encouraged to become "world Christians", developing the ability to understand God's plan and love for all nations.

## **Math**

### **Advanced Math**

**Credit: 1.0**

**Grade: 11, 12**

**Prerequisites: Geometry and Algebra II**

Advanced Math is a new course offered at Unity, serving as a bridge course between Algebra 2 and Calculus. In addition to reviewing the trigonometric functions, this course covers commonly used algebraic functions such as quadratic, exponential, polynomial and logarithmic.

### **Algebra I**

**Credit: 1.0**

**Grade: 9, 10, 11, 12**

**Prerequisites: None**

Algebra is an important component of mathematics and many occupations rely on algebra and equations to help solve problems. Number theory, problem solving, functions and graphs will all be explored in detail. Through the study of Algebra, you will learn to appreciate the beauty, complexity and importance of mathematics as part of God's creation; perform arithmetic with integers, decimals and fractions; improve your problem solving skills using a variety of techniques; write and solve equations & inequalities; use the computer to investigate and graph equations; be able to explain & graph linear, exponential, and quadratic functions and apply them to real life situations; connect proportions, probability and percent problems to real-life situations; and see and value math in your daily life.

### **Algebra II**

**Credit: 1.0**

**Grade: 10, 11, 12**

**Prerequisites: Algebra I and Geometry**

Algebra is one of the chief branches of mathematics. Engineering, science, business and industry rely on Algebra to

help solve problems. Topics studied in Algebra II are linear systems, functions (quadratic, polynomial, rational, exponential and logarithmic), probability, statistics, and matrices. Students who successfully complete Algebra II will be able to: explain the key ideas underlying Algebra; use the computer to graph system of equations; apply the concepts of Algebra for problem-solving and mathematical modeling in mathematics, physics, business/economics, and life science; appreciate Algebra as a beautiful, coherent field of thought; and explain the value of learning mathematics in the context of a Christian educational setting.

## **Applied Geometry**

**Credit: 1.0**

**Grade: 10, 11, 12**

**Prerequisites: Algebra 1**

Applied Geometry is designed to help students learn geometry at a modified pace with more review. Geometry is a branch of mathematics that involves studying shape, size, and position of geometric figures. The name Geometry means "measure the earth". Geometry is important because the world God created is full of geometric shapes. Snowflakes are six-sided figures as are the honeycombs bees make. The rainbow is a circular shape and a light ray goes in a straight line. Geometry has practical applications in many fields including: architecture, carpentry, aviation, engineering and photography. Real life applications will illustrate geometric concepts. Exploration problems will be designed to use drawing and measuring. Algebra concepts will be integrated with the geometry. Students will develop their reasoning skills using formal justifications (two-column proofs) and informal justifications (proof using paper folding). Practice exercises will include hands-on activity, visualization skills and plenty of practical problems.

## **Consumer Math**

**Credit: 1.0**

**Grade: 9, 10, 11, 12**

**Prerequisites: None**

In this more individual based and self-paced math course, students work through a variety of topics in a smaller scale to set the base for future math courses. Units include variables, solving equations, multi-step equations and inequalities, factors, fractions, exponents, geometric figures, probability, basic statistics, and problem solving. Students enrolled in this course are selected by the Director of Academic Support in consultation with the Math Instructors.

## **Geometry**

**Credit: 1.0**

**Grade: 10, 11, 12**

**Prerequisites: Algebra 1**

Geometry is a branch of mathematics that involves studying shape, size, and position of geometric figures. The name Geometry means "measure the earth". Geometry is important because the world God created is full of geometric shapes. Geometry has practical applications in many fields including: architecture, carpentry, aviation, engineering and photography. Real life applications will illustrate geometric concepts. Exploration problems will be designed to use drawing and measuring. Algebra concepts will be integrated with the geometry. Students will develop their reasoning skills using formal justifications (two-column proofs) and informal justifications (proof using paper folding). Practice exercises will include hands-on activity, visualization skills and plenty of practical problems.

## **Pre-Algebra**

**Credit: 1.0**

**Grade: 9**

**Prerequisites: None**

Pre-Algebra is designed to help students learn the main math skills and algebra concepts at a modified pace and with more review. It is offered to those who had relative difficulty with math in grade school or do not feel they are quite ready for Algebra I. Number theory, problem solving, geometry, and functions will be explored. Through the study of Algebra, you will learn to appreciate the beauty, complexity and importance of mathematics as part of God's creation; perform arithmetic with integers, decimals and fractions; improve your problem solving skills using a variety of techniques; write and solve equations & inequalities; use the computer to investigate and graph equations; be able to explain & graph linear, exponential, and quadratic functions and apply them to real life situations; connect proportions, probability and percent problems to real-life situations; and see and value math in your daily life.

## **Music**

### **Chorale**

**Credit: 1.0**

**Grade: 9, 10, 11, 12**

**Prerequisites: None**

This mixed voice ensemble is generally open to freshmen and sophomores. Juniors and seniors are permitted to take chorale in special situations. Auditions are not required. Literature studied will vary depending on the type of concert, but will generally consist of Soprano, Alto, Tenor, and Bass voicing. Time will be spent in whole group rehearsals and smaller sectionals by part.

### **Concert Choir**

**Credit: 1.0**

**Grade: 10, 11, 12**

**Prerequisites: Audition Only; At least one semester of Chorale**

This mixed voice ensemble is open to select Sophomores, Juniors and Seniors by audition only. Students are also encouraged to participate in State Solo and Ensemble Contests as well as All-State. Auditions will be held in the spring. Literature studied will vary depending on the type of concert but will be a higher difficulty level than chorale. Time will be spent in whole group rehearsals and smaller sectionals by part.

### **Orchestra**

**Credit: 1.0**

**Grade: 9, 10, 11, 12**

**Prerequisites: None**

Students in Orchestra will continue to develop their knowledge of music theory concepts and music history while developing their technical skills on their instrument (including tone production, vibrato, shifting, bow techniques) in an engaging ensemble setting. Students are also encouraged to audition for or participate in the Northwest Iowa Symphony Orchestra, solo/ensemble contest, and All-State.

### **Symphonic Band**

**Credit: 1.0**

**Grade: 9, 10, 11, 12**

**Prerequisites: None; Previous Band experience Preferred**

Membership in the Symphonic Band is open to students with previous musical experience. The Symphonic Band studies intermediate to advanced techniques and a wide variety of musical styles. This group performs at several concerts throughout the school year. Advanced students are encouraged to try out for All-State.

## **PE/Health**

### **PE/Health**

**Credit: 0.5**

**Grade: 9, 10, 11, 12**

**Prerequisites: None**

PE/Health is a one-semester course and is required each year a student is enrolled at Unity Christian. PE/Health is unique because it combines two classes into one. PE is typically taught 3 times per week and Health is typically taught 2 times per week.

**PE:** Valuing and caring for the health of our bodies is a life-long task. The activities we participate in have carry-over value for later years. Many of the activities are also team activities which emphasize proper social interactions as they relate to teamwork and competition. During a student's four years at Unity Christian they will participate in the following activities:

-softball	-volleyball	-basketball
-frisbee	-floor hockey	-soccer
-tumbling/gymnastics	-badminton	-pickleball
-strength training	-running	-flag football



\*activities and the length of activities depends on the weather and availability of facilities

**Health:** Knowledge is also part of caring for the body. The topics covered in Health include both personal health and fitness as well as community health and fitness. During a student's four years at Unity Christian they will cover health topics in the following four areas:

- Drug/alcohol abuse and STD's
- First Aid and CPR
- Fitness for Life and Nutrition
- Introduction to Anatomy & Physiology

## **Advanced Weightlifting**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: None**

A new elective offering where students will learn more about weightlifting and strength training. Emphasis will be on proper form and technique, strength, flexibility, and posture. Students will work in conjunction with the instructor to create personalized workout plans to achieve their goals. This course is not a substitute for PE, but an elective. This elective can be repeated.

## **Science**

### **Anatomy and Physiology**

**Credit: 1.0; Dual Enrollment for NCC Credit**

**Grade: 12**

**Prerequisites: Strong recommendation of completion of Chemistry**

How does the oxygen we breathe in get transported to each cell and the carbon dioxide produced get transported to the air we breathe out? What is this tireless organ called the heart that beats over 3 billion times and moves over a million barrels of blood in an average lifetime. Meet the respiratory and circulatory systems which are two systems that work closely together to provide critical life support to the body. What is more amazing than the human body? The human body is evidence of a divine Creator who designed and purposed each part to function in perfect harmony for the good of the entire body! Eleven systems are studied along with the organs, tissues, cells, and chemicals that make up each system.

### **Applied Biology**

**Credit: 1.0**

**Grade: 10**

**Prerequisites: Science 1**

Applied Biology is offered for certain sophomores in place of Biology and will cover a Science credit. Students will cover the same general topics and concepts as Biology but at a slightly slower pace and with more depth in certain areas. Placement in this course will be a combination of student/parent choice and a recommendation of the Director of Academic Support. Students in Applied Biology will be encouraged to take Earth Science as Juniors.

### **Biology**

**Credit: 1.0**

**Grade: 10**

**Prerequisites: None**

By exploring God's creation in Biology, we examine very basic questions about man's relationship to God, to creation, and to each other. We will be exploring ecology by working outside several times throughout the first semester doing mapping and identification of plants and animals. We will explore the chemistry of life by doing lab experiments. We will explore cells, genetics, and the issues involved through research and real situations. We will explore the physiology of different living things through dissection and comparison. In each area, we will be looking for both the art that God has created, the community that should exist, and the rebuilding of those community relationships.

### **Chemistry**

**Credit: 1.0**

**Grade: 11, 12**

**Prerequisites: Science I, Biology**

In Chemistry you will learn how the building blocks of the physical world, atoms and molecules are arranged and how they interact to create the material world that we interact with every day. You will explore the basic patterns in the creation at the atomic level: the periodic table, bonding, mathematical relationships, energy patterns and the current atomic model. The overall goals of Chemistry are for students to understand basic chemical principles, know the history of the relationship between faith and science and how they should interact. Students will understand the role of chemical principles in everyday life, be able to explain complex chemical concepts, and increase in their ability to think critically and communicate effectively. Chemistry is a unique science that shows how some simple individual actions form complex patterns of “community” that underlie all of created matter.

My Deep Hope for each Chemistry student is that you will experience the underlying community within Creation, how we have broken it, and attempt to rebuild that community in our everyday actions.

## **Earth Science**

**Credit: 1.0**

**Grade: 11 or 12**

**Prerequisites: Science 1, Biology**

Students will study the interactions between the 4 major Earth spheres, including the geosphere, atmosphere, hydrosphere and biosphere. Major topics include: Rocks/minerals, Energy/Resources, Volcanoes, Earthquakes, Oceans, Meteorology (clouds, air masses, severe weather, and Space

## **Honors Chemistry**

**Credit: 1.0**

**Grade: 11 or 12**

**Prerequisites: Science 1, Biology, Chemistry**

Honors Chemistry is a two semester course that is designed as a college-level class to prepare students for success in a scientific field of study. Particularly, it is aimed at equipping students with the knowledge needed in a freshman-year General Chemistry (Gen Chem) class. During the first semester, we will review and dive deeper into the topics of stoichiometry, chemical reactions, gasses, and periodic trends. Second semester will focus on the topics of thermochemistry, bonding theories, solubility, kinetics/equilibrium, free energy, acid/base chemistry, and nuclear chemistry. This course includes tests (2-4/quarter), quizzes, lab work, & daily practice assignments.

## **Physics**

**Credit: 1.0**

**Grade: 11, 12**

**Prerequisites: Science I, Biology**

What do saxophones, heart valves, and concrete highways all have in common? They all depend on optimal ranges of pressure as they interact with other gases, liquids, and solids. Pressure is all around us, including the air we live in and it is just one of the many physics principles that involves the study of forces which are both static and dynamic. Physics is the study of golf balls and trajectory, ultrasound machines and waves, car crashes and momentum, skyscrapers and forces, nuclear medicine and isotopes, computers and electrical charge; well, everything that can be explained by the interaction of matter and energy!

## **Science I**

**Credit: 1.0**

**Grade: 9**

**Prerequisites: None**

Are you curious about the things in nature? Do you wonder how water climbs to the top of a tree, or why an iceberg floats in the sea, or how steam can drive a turbine? What is it about this amazing substance we call H<sub>2</sub>O that clings to a leaf or dissolves hundreds of substances? This course focuses on what we can learn about the composition of matter (Chemistry) and the relationship between matter and energy (Physics). As you take this course, get ready to experience the WOW of God’s creation. You will Wonder (ask questions), Observe (make careful observations), and Worship (praise the Creator)!

## **Technology**

### **Digital Life**

**Credit: 0.5**

**Grade: 9**

**Prerequisites: None**

In this course, students will learn some of the basics of operating their technology, from organizing files, to making Imovies, to understanding how our tools and technology can enhance our learning and study habits. Time will also be spent reading over "12 Ways Your Phone is Changing You," as students are engaged with their technology and spend time focusing on how the helpful tools we have are also subtly influencing us. Students will be challenged to think about how we interact with technology and what a Christian response should be.

### **Engineering Design**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: None**

This is a reboot of the Robotics class with an emphasis placed on drones and computer programming. Students who previously took robotics are eligible to take this course. This is a very hands-on course where students will learn very basic coding, Drone programming, and introductory principles of engineering.

### **CAD (Computer Aided Design)**

**Credit: 0.5**

**Grade: 10, 11, 12**

**Prerequisites: None**

Engineering CAD focuses on 3D software design for applications in engineering design and manufacturing. This is a good course for students who are interested in engineering, manufacturing, and/or related fields.

## **Non Unity Course Offerings**

### **CNA Course**

**Credit: None**

**Grade: 10, 11, 12**

**Prerequisites: None**

Students who wish to become Certified Nurse Assistants (CNA) are eligible to take a CNA prep course, taught by an instructor from NCC. Classes are conducted at Unity and prepare a student for passing their CNA test. Students must pay for their own textbook for this course. Grades in this course do not count towards Unity's GPA.

### **Dordt Online Courses**

**Credit: None**

**Grade: 11, 12**

**Prerequisites: 3.0 GPA**

Junior and senior students with a 3.0 GPA are eligible to take online college courses from Dordt University. Students will be given one period in their day to work on these courses. Credit is earned through Dordt and is transferable to other institutions. Grades in these courses do not count towards Unity's GPA. Courses may not be taken in place of Unity courses. The course fee is partially paid for by state funds, but families will pick up the remaining balance. Courses available can be seen below:

## FALL 2024

- CORE 110: Communication Foundations (3 cr)
- CORE 120: English Composition (3 cr)
- CORE 130: Health, Sport, and the Body (1.5 cr)
- CORE 140: Roots of Western Culture & Worldviews (3 cr)
- CORE 160: Introduction to the Arts (3 cr)
- LAT 101: Elementary Latin 1 (4 cr)
- BUAD 101: Introduction to Business (2 cr)
- ECON 202: Principles of Economics: Micro (3 cr)
- MATH 152: Calculus I (4 cr)
- NURS 180: Introduction to Nursing Practice (1 cr)
- PSYC 201: Introduction to Psychology (3 cr)
- STAT 131: Introductory Statistics (3 cr)

## SPRING 2025

- CORE 110: Communication Foundations (3 cr)
- CORE 120: English Composition (3 cr)
- CORE 130: Health, Sport, and the Body (1.5 cr)
- CORE 145: Western Culture in Global Context (3 cr)
- CORE 180: Responding to Literature (3 cr)
- CORE 211: Creation Care and the Environment (4 cr)
- MATH 153: Calculus II (4 cr)
- STA 131: Introductory Statistics (4 cr)
- BUAD 100: Computer Literacy for Bus/Acct (3 cr)
- CORE 251/PSYC 204: Lifespan Development (3 cr)
- ECON 203: Principles of Economics: Macro (3 cr)

## Dordt and Northwestern Courses

**Credit: None**

**Grade: 11, 12**

**Prerequisites: 3.0 GPA**

Junior and senior students with a 3.0 GPA are eligible to take courses in person at either Dordt or Northwestern. Grades in these courses do not count towards Unity's GPA. Courses may not be taken in place of Unity courses. Required Unity courses will be given priority over non-Unity options when scheduling. The course is free to students; textbooks for these courses are paid for by the student.

## NCC Courses

**Credit: None**

**Grade: 11, 12**

**Prerequisites: 3.0 GPA**

Junior and senior students with a 3.0 GPA are eligible to take online college courses from NCC. Students will be given one period in their day to work on these courses. Credit is earned through NCC and is transferable to other institutions. Grades in these courses do not count towards Unity's GPA. Courses may not be taken in place of Unity courses. Courses are free to students; textbooks for these courses are paid for by the student.

## Work Release/Internship

**Credit: None**

**Grade: 11, 12**

**Prerequisites: None**

Work Release allows Unity Christian students the opportunity to utilize 1 period to gain additional training and experience in the workplace. Limit 2 periods per year. May be used as 2 periods in 1 semester or 1 period per semester.

Internship allows Unity Christian students the chance to gain important vocational experience while in high school. Students in an internship program use a class period to work without pay for a company in a career area that they aspire to. Limit 2 periods per year. May be used as 2 periods in 1 semester or 1 period per semester.

## GRADUATION REQUIREMENTS

### Freshman Year

1st Semester	2nd Semester
Math	Math
Science 1	Science 1
Digital Life	Old Testament Covenants
World History	World History
English 1	English 1
PE	*Elective
*Elective	*Elective
*Elective	*Elective

### Sophomore Year

1st Semester	2nd Semester
Math	Math
English 2	English 2
Biology	Biology
PE	Life and Ministry of Christ
World Cultures	*Elective
*Elective	*Elective
*Elective	*Elective
*Elective	*Elective

### Junior Year

1st Semester	2nd Semester
Math	Math
Science	Science
US History	US History
PE	Doctrine and Devotion
Communications	American Lit
*Elective	*Elective
*Elective	*Elective
*Elective	*Elective

### Senior Year

1st Semester	2nd Semester
American Politics	2nd Social Science Course
Communications 2	College Composition
The Christian Life	Defending the Faith
PE	Personal Finance
*Elective	*Elective
*Elective	*Elective
*Elective	*Elective
*Elective	*Elective

### Graduation Credits Required

Bible	2.5 credits
Digital Life	0.5 credits
English	4 credits
Fine Arts	1.0 credits
History	3.5 credits
Math	3 credits
PE	2 credits
Science	3 credits
Personal Finance	0.5 credits
Senior Capstone	0.25 credits
Elective	4.5 credits (students may have more)

**Total Credits for Graduation: 24.75 credits**

\*Foreign Language is not required, but 2 years are encouraged for college bound students