



IDAHO VIRTUAL ACADEMY

**Course Catalog
2019-2020**

2019-2020 IDVA High School Courses

ENGLISH / LANGUAGE ARTS

ENG108: English 9
ENG208: English 10
ENG209: English 10 Honors
ENG303: American Literature
ENG403: British & World Literature
+ENG510: AP Literature & Composition
+ENG500: AP Language & Composition
+ENG020: Public Speaking (**webcam required**)

MATHEMATICS

MTH128: Priority Algebra
MTH128: Algebra I
MTH208: Geometry
MTH307: Practical Math (12th only)
MTH308: Algebra II
+MTH403: Pre-Calculus/Trigonometry
+MTH500: AP Calculus AB

SCIENCE

SCI102: Physical Science
SCI113: Earth Science
SCI203: Biology
+SCI204: College Biology
+SCI303: Chemistry
+SCI321: Anatomy and Physiology I
+SCI322: Anatomy and Physiology II

HISTORY AND SOCIAL SCIENCES

HST303: U.S. History
HST403: U.S. Government
HST413: U.S. & Global Economics
+HST500: AP U.S. History

YEARLONG ELECTIVES

Humanities Electives

ART010: Fine Art
HST060: Sociology

World Languages

WLG100: Spanish I
WLG200: Spanish II
+WLG300: Spanish III

FIRST SEMESTER ELECTIVES

BUS030: Personal Finance
BUS090: Sports & Entertainment Marketing
ENG030: Creative Writing
HST020: Psychology
HST060: Sociology I
OTH010: Health
OTH020: Physical Education
OTH032: Astronomy
OTH037: Hospitality and Tourism
PRJ010: Service Learning (includes work/travel experience)
TCH110: Introduction to Computer Science
+SCI010: Environmental Science
CS: Keyboarding
CS: Senior Project

SECOND SEMESTER ELECTIVES

BUS030: Personal Finance
CAR012: Business and Marketing Explorations
CAR090: IT Explorations
HST010: Anthropology
HST061: Sociology II
OTH010: Health
OTH020: Physical Education
OTH032: Astronomy
OTH036: Gothic Literature
PRJ010: Service Learning (includes work/travel experience)
SCI030: Forensic Science (11th/12th only)
SCI070: Intro to Renewable Technologies
TCH110: Introduction to Computer Science
CS: Keyboarding
CS: Senior Project

KEY

+ Concurrent college credit available; counselor approval required.

Dual Credit / AP Notes

--AP (Advanced Placement) courses require counselor approval.
--Dual Credit and AP Courses are extremely rigorous in nature. Students can expect to spend 2 hours or more per Dual Credit/AP course per day.
--Each college will transfer Dual Credit and AP credits differently. Students should check with the college they plan on attending to ensure transfer of credits.

NCAA

IDVA is currently on "extended review" status with NCAA. Student athletes are encouraged to contact their counselor if planning to play collegiate sports. The NCAA will not accept foundations level, credit recovery, or credit mastery courses for student athletes. NCAA will perform a detailed review for all K12 courses.



HIGH SCHOOL GRADUATION REQUIREMENTS

Content Area	Credit Requirements
Core of Instruction	29 credits
Electives	17 credits
Additional Requirements	See Descriptions
Total Credits	46 credits (minimum)

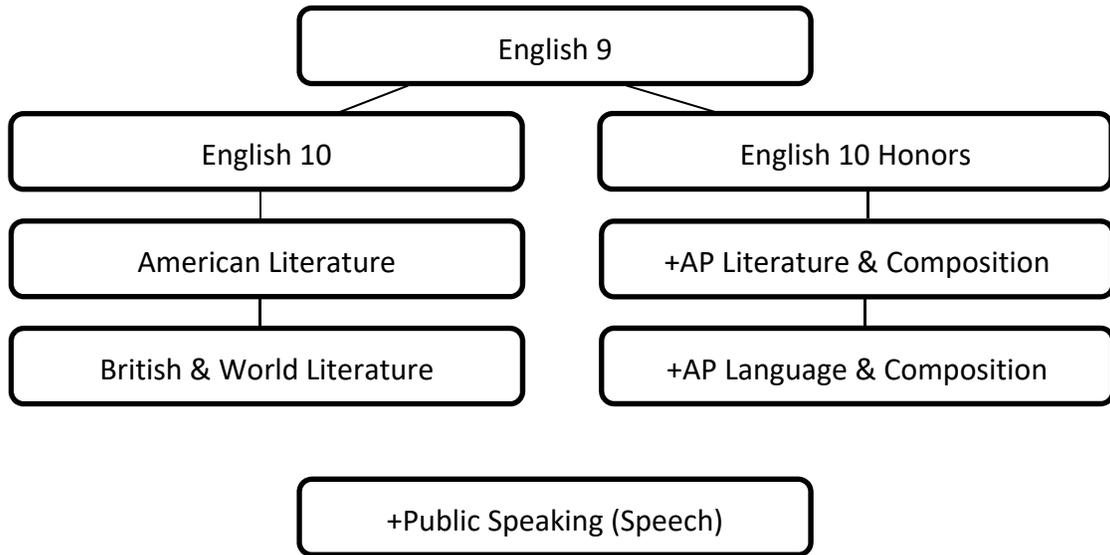
CORE SUBJECT AREAS	29 CREDITS
Language Arts English - 8 credits Speech - 1 credit	9 credits Speech credit can be obtained through other courses that meet the state speech requirement as approved by the local district.
Mathematics Algebra I - 2 credits Geometry - 2 credits Student Choice - 2 credits	6 credits Two credits must be taken in the last year of high school. Students who have completed six (6) credits of math prior to the fall of their last year of high school, including at least two (2) semesters of an Advanced Placement or dual credit calculus or higher-level course, are exempt from taking math during their last year of high school. AP Computer Science, Dual Credit Computer Science, and Dual Credit Engineering may be considered a math credit for student who have completed Algebra II standards.
Science Lab based - 4 credits	6 credits May include Biology, Physical Science, Chemistry, Earth, Space, and Environmental or approved applied science. AP Computer Science, Dual Credit Computer Science, and Dual Credit Engineering can be considered as either a math or science credit.
Social Studies US History - 2 credits Government - 2 credits Economics - 1 credit	5 credits
Humanities	2 credits
Health	1 credit

ELECTIVES	17 CREDITS
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ADDITIONAL REQUIREMENTS	DESCRIPTION
Advanced Opportunities	Districts must offer at least one Advanced Opportunity such as Dual Credit, Advanced Placement, Technical Competency Credit, or International Baccalaureate. *For more information on Advanced Opportunities, visit: http://www.sde.idaho.gov/student-engagement/advanced-ops/index.html
Senior Project	Senior Projects are required to include a written report and an oral presentation by the end of grade 12.
College Entrance Exam	Students must take either the ACT or SAT exam before the end of the student's 11th grade year. *For more information on college entrance exams, visit: http://www.sde.idaho.gov/assessment/college/
Civics Test	All secondary students must demonstrate that they have met the state civics and government standard by the successfully completing the civics test or alternate path.
Middle School Credits	Students must take pre-algebra before entering 9th grade.

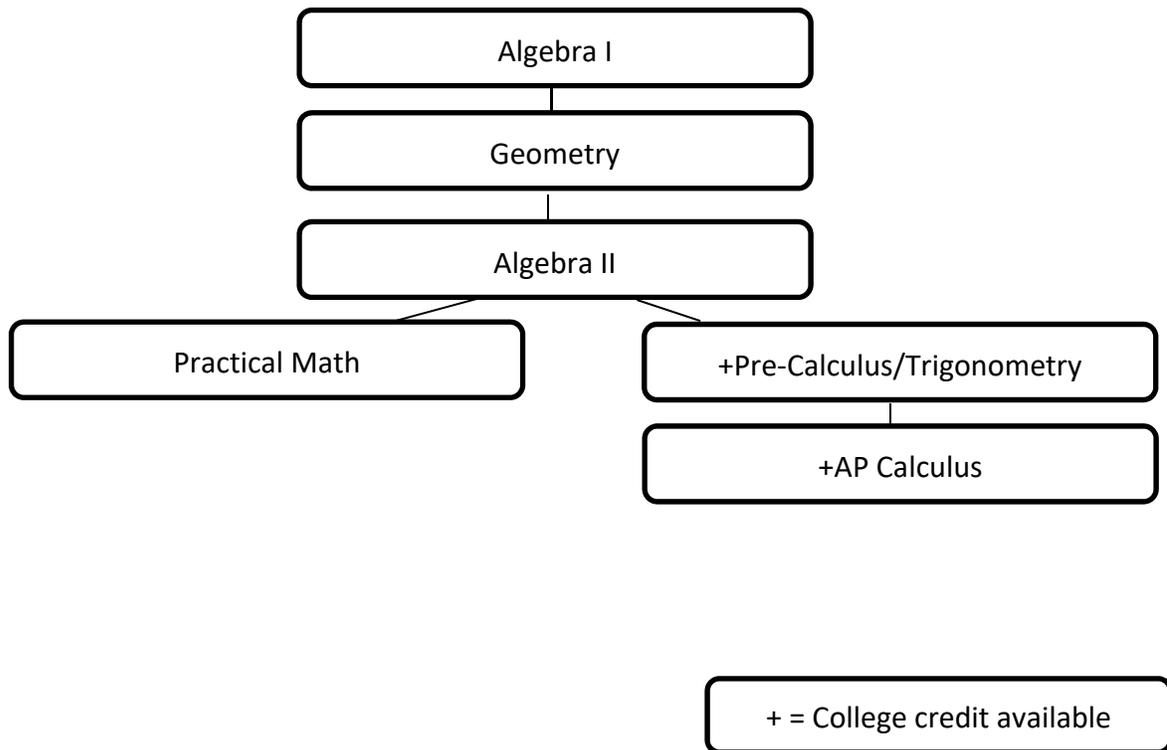
English / Language Arts Sequence

Graduation Requirement = 8 credits of English and 1 credit of Speech



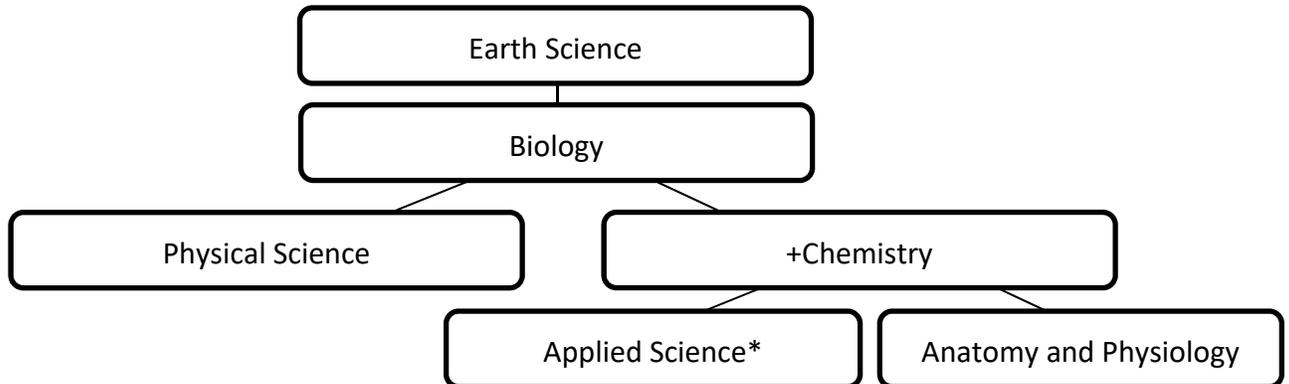
Math Sequence

Graduation Requirement = 6 credits, must take math as a senior; College bound= 6+ credits



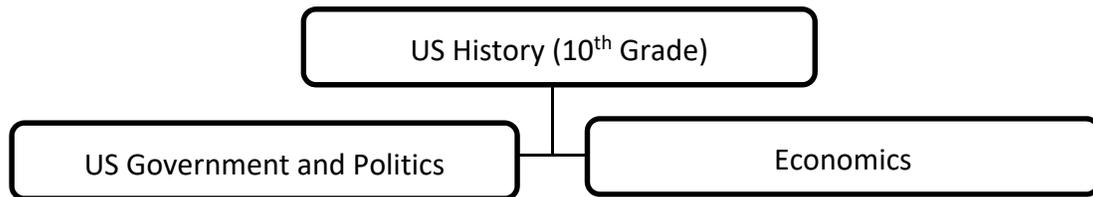
Science Sequence

Graduation Requirement= 6 credits; College bound = 6+ credits



*Applied Science: Physical Science, +Environmental Science, +Forensic Science, Astronomy, and Renewable Technology

Social Studies Sequence



Seniors need to take Government and Economics

Please note - our sequencing does not have freshman taking a history course. Instead, it is recommended that students take Health and another elective in 9th grade.

+ = College credit available



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English / Language Arts

ENG108: English 9

This Summit English 9 course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 9. Throughout the course, students practice narrative, informational, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers.

Course length: Two semesters

Prerequisites: Middle school English/Language Arts

ENG208: English 10

This Summit English 10 course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 10. Throughout the course, students practice narrative, informational, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers.

Course length: Two semesters

Prerequisites: English 9 or freshman English equivalent

ENG209: English 10 Honors

This Summit English 10 Honors course includes engaging and interactive instruction about reading, writing, speaking and listening, and language, with a focus on exploring a wide variety of genres and their elements. Students learn how to carefully read, interpret, and analyze literature and nonfiction works of cultural or historical significance appropriate to grade 10. Throughout the course, students practice narrative, informational, and argument writing. Students also develop and deliver presentations and participate in discussions with their peers.

This course includes all the topics in ENG208 as well as several extension activities. Each semester also includes an independent honors project.

Course length: Two semesters

Prerequisites: English 9 or freshman English equivalent

ENG303: American Literature

In this course, students read and analyze works of American literature from colonial to contemporary times, including poetry, short stories, novels, drama, and nonfiction. The literary works provide opportunities for critical writing, creative projects, and online discussions. Students develop vocabulary skills and refresh their knowledge of grammar, usage, and mechanics.

Course length: Two semesters

Prerequisites: English 10 or sophomore English equivalent

ENG403: British and World Literature

Students read selections from British and world literature and analyze the themes, styles, and structures of these texts. They also make thematic connections among diverse authors, periods, and settings. Students complete guided and independent writing assignments that refine their analytical skills. They have opportunities for creative expression in projects of their choice. Students also practice critical reading and writing test-taking skills.

Course length: Two semesters

Prerequisites: American Literature or English 11 equivalent

ENG500: AP® English Language and Composition

Students learn to understand and analyze complex works by a variety of authors. They explore the richness of language, including syntax, imitation, word choice, and tone. They also learn composition style and process, starting with exploration, planning, and writing. This continues with editing, peer review, rewriting, polishing, and applying what they learn to academic, personal, and professional contexts. In this equivalent of an introductory college-level survey class, students may choose to prepare for the AP® exam and for further study in communications, creative writing, journalism, literature, and composition. This class is available for concurrent college credit through NNU.

Course length: Two semesters

Prerequisites: Success in AP English Literature and Composition and teacher/school counselor recommendation or be considered a senior according to credits.

ENG510: AP® English Literature and Composition

In this course, the equivalent of an introductory college-level survey class, students are immersed in novels, plays, poems, and short stories from various periods. Students read and write daily using a variety of multimedia and interactive activities, interpretive writing assignments, and discussions. The course places special emphasis on reading comprehension, structural and critical analyses of written works, literary vocabulary, and recognizing and understanding literary devices. Students prepare for the AP® exam and for further study in creative writing, communications, journalism, literature, and composition. College credit is available through NNU.

Course Length: Two semesters

Prerequisites: Success in Honors English 10 or American Literature (or equivalent) and a teacher/counselor recommendation.

ENG020: Public Speaking (Speech)

Students are introduced to public speaking as an important component of their academic, work, and social lives. They study public speaking occasions and develop skills as fair and critical listeners, or consumers, of spoken information and persuasion. Students study types of speeches (informative, persuasive, dramatic, and special occasion), read and listen to models of speeches, and prepare and present their own speeches to diverse audiences. Students learn to choose speaking topics and adapt them for specific audiences, to

research and support their ideas, and to benefit from listener feedback. They study how to incorporate well-designed visual and multimedia aids in presentations and how to maintain a credible presence in the digital world. Students also learn about the ethics of public speaking and about techniques for managing communication anxiety.

Course length: One semester (offered both semesters)

Materials: This course requires computer headphones/speakers, microphone, and access to a student-provided webcam to record speeches.

Prerequisites: None.

Mathematics

MTH128: Priority Algebra

In this course, students begin to explore the tools and principles of algebra. Students learn to identify the structure and properties of the real number system; complete operations with integers and other rational numbers; work with square roots and irrational numbers; graph linear equations; solve linear equations and inequalities in one variable; and solve systems of linear equations. Sophisticated virtual manipulatives and online graphing tools help students visualize algebraic relationships. Developmental Algebra covers fewer topics than a one-year Algebra I course, providing students with more time to learn and practice key concepts and skills. *9th graders only.*

Course length: Two semesters

Prerequisites: Pre-Algebra, or equivalent

MTH128: Algebra I

The Algebra 1 Summit course is intended to formalize and extend the mathematics that students learned in the middle grades. Because it is built to follow revised middle school math courses, the course covers slightly different ground than previous versions of algebra. In this course, students deepen their understanding of linear and exponential relationships by contrasting them with each other. Students also apply linear models to data that exhibit a linear trend. The course also covers analyzing, solving, and using quadratic functions.

Course length: Two semesters

Prerequisite: K12 Intermediate Mathematics C (or equivalent)

MTH208: Geometry

This Geometry Summit course builds on the geometry covered in middle school to explore more complex geometric situations and deepen students' ability to explain geometric relationships, moving toward formal mathematical arguments. Specific topics include similarity and congruence, analytic geometry, circles, the Pythagorean theorem, right triangle trigonometry, analysis of three-dimensional objects, conic sections, and geometric modeling.

Course length: Two semesters

Prerequisites: Algebra I or equivalent

MTH307: Practical Math

In this course, students use math to solve real-world problems to solidify their understanding of key mathematical topics. Data analysis, math modeling, and personal finance are key themes in this course. Specific topics of study include statistics, probability, statistical graphs, regression, finance, and budgeting. In addition, students learn how to use several mathematical models involving algebra and geometry to solve problems. Proficiency is measured through frequent online and offline assessments, as well as class participation. Units focused on projects also allow students to apply and extend their math skills in real-world cases. *Seniors only.*

Course length: Two semesters

Prerequisites: Algebra I and Geometry. Student must be senior according to credits.

MTH308: Algebra II

This Algebra 2 Summit course, students build on their work with linear, quadratic, and exponential functions, and extend their repertoire to include polynomial, rational, radical, and trigonometric functions. Students also expand their ability to model situations and solve equations, including solving quadratic equations over the set of complex numbers and solving exponential equations using the properties of logarithms. The course covers sequences and series, probability distributions, and more advanced data analysis techniques.

Course length: Two semesters

Prerequisites: Algebra I and Geometry or equivalents

MTH403: Pre-Calculus and Trigonometry

Pre-calculus weaves together the previous study of algebra, geometry, and functions into a preparatory course for calculus. The course focuses on the mastery of critical skills and exposure to new skills necessary for success in subsequent math courses. Topics include linear, quadratic, exponential, logarithmic, radical, polynomial, and rational functions; systems of equations; and conic sections in the first semester. The second semester covers trigonometric ratios and functions; inverse trigonometric functions; applications of trigonometry, including vectors and laws of cosine and sine; polar functions and notation; and arithmetic of complex numbers. Cross-curricular connections are made throughout the course to calculus, art, history, and a variety of other fields related to mathematics. This class is available for concurrent college credit through NNU. Please contact your counselor for more information.

Course length: Two semesters

Materials: Texas Instruments T1-84 Plus graphing calculator

Prerequisites: A grade of C or better in Geometry and Algebra II

MTH500: AP[®] Calculus AB

This course is the equivalent of an introductory college-level calculus course. Calculus helps scientists, engineers, and financial analysts understand the complex relationships behind real-world phenomena. Students learn to evaluate the soundness of proposed solutions and apply mathematical reasoning to real-world models. Students also learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Students may choose to prepare for the AP[®] exam and further studies in

science, engineering, and mathematics. This class is available for concurrent college credit through NNU. Please contact your counselor for more information.

Course length: Two semesters

Materials: Texas Instruments T1-84 Plus graphing calculator

Prerequisites: Success in Geometry, Algebra II, Pre-Calculus/Trigonometry, and a teacher/school counselor recommendation or be considered a junior or senior according to credits.

Science

SCI102: Physical Science

Students explore the relationship between matter and energy by investigating force and motion, the structure of atoms, the structure and properties of matter, chemical reactions, and the interactions of energy and matter. Students develop skill in measuring, solving problems, using laboratory apparatuses, following safety procedures, and adhering to experimental procedures. Students focus on inquiry-based learning with laboratory investigations and experiences.

Course length: Two semesters

Prerequisites: None

SCI113: Earth Science

This course provides students with a comprehensive earth science curriculum, focusing on geology, oceanography, astronomy, weather, and climate. The program consists of in-depth online lessons, an associated reference book, collaborative activities, and hands-on laboratory students can conduct at home. The course prepares students for further studies in geology, meteorology, oceanography, and astronomy courses, and gives them practical experience in implementing scientific methods.

Course length: Two semesters

Prerequisites: Middle school Earth Science or equivalent

SCI203: Biology

In this comprehensive course, students investigate the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of in-depth online lessons including extensive animations, an associated reference book, collaborative explorations, and hands-on laboratory experiments students can conduct at home.

Course length: Two semesters

Prerequisites: None

SCI204: College Biology

This course provides students with a challenging honors-level biology curriculum, focusing on the chemistry of living things: the cell, genetics, evolution, the structure and function of living things, and ecology. The program consists of advanced online lessons including extensive animations, an associated reference book, collaborative

explorations, and hands-on laboratory experiments students can conduct at home. Honors activities include debates, research papers, extended collaborative laboratories, and virtual laboratories. This class is available for concurrent college credit. Contact your counselor for more information.

Course length: Two semesters

Prerequisites: Teacher/Counselor recommendation, pre- or co-requisite of Algebra, or equivalent

SCI303: Chemistry

This comprehensive course gives students a solid basis to move on to future studies. The course provides an in-depth survey of all key areas, including atomic structure, chemical bonding and reactions, solutions, stoichiometry, thermochemistry, organic chemistry, and nuclear chemistry. The course includes direct online instruction, laboratories, and related assessments, used with a problem-solving book. This class is available for concurrent college credit. Contact your counselor for more information.

Course length: Two semesters

Prerequisites: Biology, and solid grasp of Algebra basics with success in Algebra I. Must be a junior or senior according to credits.

SCI321: Anatomy and Physiology 1

Recommended Grade Level: 11

This course provides a thorough introduction to the basics required for the study of the human body and how it functions. Students receive a general introduction to life functions, the terminology and phonetic pronunciations used to describe body parts and their locations, and an overall review of human development and body processes. Anatomy and Physiology 1 provides the general introduction to the structural units and covers cells and tissues along with the musculoskeletal, nervous, and endocrine systems.

Course length: One semester

Prerequisites: Biology

SCI322: Anatomy and Physiology 2

Recommended Grade Level: 11

This course continues the thorough introduction to the basics required for the study of the human body and how it functions. This course includes infection control and standard precautions, which emphasize the importance of maintaining health and safety in the health-care work environment, as well as highlights the latest practices and protocols. Anatomy and Physiology 2 covers the circulatory, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. It also introduces genetics and genetically linked diseases.

Course length: One Semester

Prerequisites: SCI321 Anatomy and Physiology 1

History and Social Sciences

HST303: U.S. History

This course is a full-year survey that provides students with a comprehensive view of American history from the first migrations of nomadic people to North America to recent events. Readings are drawn from K12's *The American Odyssey: A History of the United States*. Online lessons help students organize their study, explore topics in depth, review in preparation for assessments, and practice skills of historical thinking and analysis. Activities include analyzing primary sources and maps, creating timelines, completing projects and written assignments, and conducting independent research.

Course length: Two semesters

Prerequisites: Modern World Studies or equivalent, not recommended for freshmen

HST403: U.S. Government and Politics

This course studies the history, organization, and functions of the United States government. Beginning with the Declaration of Independence and continuing through to the present day, students explore the relationship between individual Americans and our governing bodies. Students take a close look at the political culture of our country and gain insight into the challenges faced by citizens, elected government officials, political activists, and others. Students also learn about the roles of political parties, interest groups, the media, and the Supreme Court, and discuss their own views on current political issues.

Course length: Two semesters

Prerequisites: HST303 U.S. History is recommended, but not required. Senior standing or counselor approval

HST413: U.S. and Global Economics

In this course on economic principles, students explore choices they face as producers, consumers, investors, and taxpayers. They apply what they learn to real-world simulation problems. Topics of study include markets from both a historic and contemporary perspective; supply and demand; theories of early economic philosophers such as Adam Smith and David Ricardo; theories of value; money (what it is, how it evolved, the role of banks, investment houses, and the Federal Reserve); Keynesian economics; how capitalism functions, focusing on productivity, wages, investment, and growth; issues of capitalism, such as unemployment, inflation, and the national debt; and a survey of markets in such areas as China, Europe, and the Middle East.

Course length: One semester (offered both semesters)

Prerequisites: Senior standing or counselor approval

HST500: AP® U.S. History

Students explore and analyze the economic, political, and social transformation of the United States since the time of the first European encounters. Students are asked to master not only the wide array of factual information necessary to do well on the AP® exam, but also to practice skills of critical analysis of historical information and documents. Students read primary and secondary source materials and analyze problems presented by historians to gain insight into challenges of interpretation and the ways in which historical events have shaped American society and culture. The content aligns to the sequence of topics recommended by the College Board and to widely used textbooks. This course is available for concurrent college credit. Contact your counselor for further information.

Course length: Two semesters

Prerequisites: Success in previous history course and a teacher/school counselor recommendation and be considered a junior or senior according to credits.

Yearlong Electives

ART010: Fine Art

This course combines art history, appreciation, and analysis, while engaging students in hands-on creative projects. Lessons introduce major periods and movements in art history while focusing on masterworks and the intellectual, technical, and creative processes behind those works. Studio lessons provide opportunities for drawing, painting, sculpting, and other creative endeavors.

Course length: Two semesters

Materials: It is required that students have some means of capturing an image of their studio art projects with a digital camera, webcam, or other imaging device.

Prerequisites: A survey course in World History is recommended as a prerequisite or co-requisite, but not required

HST060: Sociology I

The world is becoming more complex. How do your beliefs, values, and behavior affect the people around you and the world in which you live? Students examine social problems in the increasingly connected world and learn how human relationships can strongly influence and impact their lives. Exciting online video journeys to an array of areas in the sociological world are an important component of this relevant and engaging course.

Course length: One semester

Prerequisites: None

HST061: Sociology II

Sociology is the study of people, social life, and society. By developing a “sociological imagination,” students examine how society itself shapes human action and beliefs—and how in turn these factors reshape society itself. Fascinating online video journeys inform students and motivate them to seek more knowledge on their own.

Course length: One semester

Prerequisites: HST060: Sociology I

WLG100: Spanish I

Students begin their introduction to Spanish by focusing on the four key areas of world language study: listening, speaking, reading, and writing. The course represents an ideal blend of language learning pedagogy and online learning. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students

should expect to be actively engaged in their own language learning; become familiar with common vocabulary terms and phrases; comprehend a wide range of grammar patterns; participate in simple conversations and respond appropriately to basic conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; and take frequent assessments by which their language progression can be monitored.

Course length: Two semesters

Prerequisites: None

WLG200: Spanish II

Students continue their study of Spanish by further expanding their knowledge of key vocabulary topics and grammar concepts. Students not only begin to comprehend listening and reading passages more fully, but they also start to express themselves more meaningfully in both speaking and writing. Each unit consists of a new vocabulary theme and grammar concept, reading and listening comprehension activities, speaking and writing activities, multimedia cultural presentations, and interactive activities and practices which reinforce vocabulary and grammar. There is a strong emphasis on providing context and conversational examples for the language concepts presented in each unit. Students should expect to be actively engaged in their own language learning; understand common vocabulary terms and phrases; use a wide range of grammar patterns in their speaking and writing; participate in conversations and respond appropriately to conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; and take frequent assessments by which their language progression can be monitored. By Semester 2, the course is conducted almost entirely in Spanish.

Course length: Two semesters

Prerequisites: WLG100: Spanish I or equivalent

WLG300: Spanish III

Students further deepen their understanding of Spanish by focusing on the three modes of communication: interpretive, interpersonal, and presentational. Each unit consists of a variety of activities which teach the students how to understand more difficult written and spoken passages, to communicate with others through informal speaking and writing interactions, and to express their thoughts and opinions in more formal spoken and written contexts. Students should expect to be actively engaged in their own language learning; use correct vocabulary terms and phrases naturally; incorporate a wide range of grammar concepts consistently and correctly while speaking and writing; participate in conversations covering a wide range of topics and respond appropriately to conversational prompts; analyze and compare cultural practices, products, and perspectives of various Spanish-speaking countries; read and analyze important pieces of Hispanic literature; and take frequent assessments by which their language progression can be monitored. This class is available for concurrent college credit through NNU. Contact your counselor for more information.

Course length: Two semesters

Prerequisites: WLG200: Spanish II or equivalent

Semester Electives

BUS030: Personal Finance

In this introductory finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society.

Course length: One semester (offered both semesters)

Prerequisites: None

BUS090: Sports & Entertainment Marketing

In this course, students have the opportunity to explore basic marketing principles and delve deeper into the multibillion-dollar sports and entertainment marketing industry. Students learn how professional athletes, sports teams, and well-known entertainers are marketed and how some of them become billionaires as a result. For students who have ever wondered about how things work behind the scenes of a major sporting event, such as the Super Bowl, or even entertained the idea of playing a role in such an event, this course introduces the fundamentals of such a career.

Course length: One semester (offered first semester)

Prerequisites: None

CAR012: Business and Marketing Explorations

In this course, students explore basic concepts in the broad areas of business and marketing, as well as career options in each area. How do business ideas become businesses? How are products marketed? How do you know if a business is making or losing money? These are among the questions that students explore in the business portion of this course. In addition to studying concepts of entrepreneurship, accounting, and marketing, students explore these concepts on scales that range from a single person to nations. After exploring basic business and marketing concepts, students are then introduced to common industries within the marketing field. Students explore the advertising, sports and entertainment, restaurant management, and hospitality and tourism industries to examine their role in business in marketing.

Course length: One semester (offered second semester)

Prerequisites: None

CAR090: IT Explorations

This first half of the course provides a comprehensive introduction to the essentials of Web design, from planning page layouts to publishing a complete site to the Web. Students learn how to use HTML to design their own Web pages. The course covers basic HTML tags for formatting text, as well as more advanced tags. Through real-world design scenarios and hands-on projects, students create compelling, usable websites using the latest suite of free tools. The second half of this course introduces students to computer science concepts such as computer architecture, networks, and the Internet. Students use object-oriented programming, event-driven processes, modular computer programming, and data manipulation algorithms to produce finished software programs.

Course length: One semester (offered second semester)

Prerequisites: None

ENG030: Creative Writing

Students create original essays, poems, and short stories in this course, which focuses on the four-step process writing model. They read professionally written forms of creative writing as models and then integrate their impressions of these works with their personal life experiences as they compose their own writing projects. Students are encouraged to write about topics they find engaging as they practice writing on the following themes: narration, definition, process analysis, cause and effect, and comparison/contrast. After students turn in each assignment, the teacher supplies detailed suggestions for revision. The teacher supplies feedback that helps students learn how to improve their self-expression and self-editing skills.

Course length: One semester (offered first semester)

Prerequisites: None

HST010: Anthropology

Anthropologists research the characteristics and origins of the cultural, social, and physical development of humans and consider why some cultures change and others come to an end. In this course, students are introduced to the five main branches of anthropology: physical, cultural, linguistic, social, and archeological. Through instruction and their own investigation and analysis, students explore these topics, considering their relationship to other social sciences such as history, geography, sociology, economics, political science, and psychology. Emulating professional anthropologists, students apply their knowledge and observational skills to the real-life study of cultures in the United States and around the world.

Course length: One semester (offered second semester)

Prerequisites: None

HST020: Psychology

In this course, students investigate why human beings think and act the way they do. This is an introductory course that broadly covers several areas of psychology. Instructional material presents theories and current research for students to critically evaluate and understand. Each unit introduces terminology, theories, and research that are critical to the understanding of psychology and includes tutorials and interactive exercises. Students learn how to define and use key psychology terms and how to apply psychological principles to their own lives. Unit topics include: Methods of Study, Biological Basis for Behavior, Learning and Memory, Development and Individual Differences, and Psychological Disorders.

Course length: One semester (offered first semester)

Prerequisites: Biology or equivalent (This is an upper-division course in content and structure. It is recommended for juniors and seniors.)

OTH010: Skills for Health

This course focuses on important skills and knowledge in nutrition; physical activity; the dangers of substance use and abuse; injury prevention and safety; growth and development; and personal health, environmental conservation, and community health resources. The curriculum is designed around topics and situations that

engage student discussion and motivate students to analyze internal and external influences on their health-related decisions. The course helps students build the skills they need to protect, enhance, and promote their own health and the health of others.

Course length: One semester (offered both semesters)

Prerequisites: None

OTH020: Physical Education

This course combines online instructional guidance with student participation in weekly cardiovascular, aerobic, muscle-toning, and other activities. Students fulfill course requirements by keeping weekly logs of their physical activity. The course promotes the value of lifetime physical activity and includes instruction in injury prevention, nutrition and diet, and stress management. Students may enroll in the course for either one or two semesters, and they may repeat it for further semesters as needed to fulfill state requirements.

Course length: One semester (offered both semesters), may be repeated multiple times

Prerequisites: None

OTH032: Astronomy

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe. This course introduces students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students examine the life cycle of stars, the properties of planets, and the exploration of space.

Course length: One semester (offered both semesters)

Prerequisites: None

OTH036: Gothic Literature

Since the eighteenth century, Gothic tales have influenced fiction writers and fascinated readers. This course focuses on the major themes found in Gothic literature and demonstrates how the core writing drivers produce a suspenseful environment for readers. It presents some of the recurring themes and elements found in the genre. As they complete the course, students gain an understanding of and an appreciation for the complex nature of Gothic literature.

Course length: One semester (offered second semester)

Prerequisites: None

OTH037: Hospitality and Tourism

This course introduces the hospitality and tourism industry, including hotel and restaurant management, cruise ships, spas, resorts, theme parks, and other areas. Students learn about key hospitality issues, the development and management of tourist locations, event planning, marketing, and environmental issues related to leisure and travel. The course also examines some current and future trends in the field.

Course length: One semester (offered first semester)

Prerequisites: None

PRJ010: Service Learning (Work Experience/Travel Experience/Service Learning Project)

IDVA realizes students and families lead busy lives that may not traditionally fit other school environments. Because of this, IDVA offers credit opportunities for students who are working, traveling or have a passion they want to grow and develop.

IDVA students may earn up to eight (8) total credits in these courses with a maximum of four (4) being in Work Experience. Students interested in these courses need to contact their Advisor/Counselor for more information.

Course length: One semester (may be continued into a second semester with approval)

Prerequisites: Counselor and instructor approval

SCI010: Environmental Science

This course surveys key topic areas including the application of scientific processes to environmental analysis; ecology; energy flow; ecological structures; earth systems; and atmospheric, land, and water science. Topics also include the management of natural resources and analysis of private and governmental decisions involving the environment. Students explore actual case studies and conduct five hands-on, unit-long research activities, learning that political and private decisions about the environment and the use of resources require accurate application of scientific processes, including proper data collection and responsible conclusions. Course includes virtual laboratory experiences. Concurrent college credit is available. Speak to your counselor for more information about concurrent credit.

Course length: One semester (offered first semester)

Prerequisites: Earned a C or better in Biology and/or Physical Science or a teacher/counselor recommendation

SCI030: Forensic Science

This course surveys key topics in forensic science, including the application of the scientific process to forensic analysis, procedures and principles of crime scene investigation, physical and trace evidence, and the law and courtroom procedures from the perspective of the forensic scientist. Through online lessons, laboratories, and analysis of fictional crime scenarios, students learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions. Course includes virtual laboratory experiences.

Course length: One semester (offered second semester)

Prerequisites: Earned a B or better in Biology or a teacher/counselor recommendation; must be a junior or senior according to credits

SCI070: Intro to Renewable Technologies

Interested in transforming energy? With concerns about climate change and growing populations' effects on traditional energy supplies, scientists, governments, and societies are increasingly turning to renewable and innovative energy sources. In the Introduction to Renewable Technologies course, you'll learn all about the

cutting-edge field of renewable energy and the exciting new technologies that are making it possible. You'll explore new ways of generating energy and storing that energy, from biofuels to high-capacity batteries and smart electrical grids. You'll also learn more about the environmental and social effects of renewable technologies and examine how people's energy decisions impact policies.

Course length: One semester (offered second semester)

Prerequisites: None

TCH110: Introduction to Computer Science

This course provides a solid foundation using an algorithm-driven approach that is ideal for students' first course in computer science. Students learn about emerging topics, such as privacy, drones, cloud computing, and net. Students also are introduced to programming languages such as C++, Java™, Python, C#, and Ada.

Course length: One semester (offered both semesters)

Prerequisites: MTH128 Algebra I or equivalent

CS: Keyboarding

This course is to help you learn the touch-typing method of keyboarding. By the end of the course, you should build your skill and be able to touch type with minimal errors. Keyboarding is a skill developed through repetition, you will need to practice with the keyboarding software provided for a minimum of 45 minutes each day. You will complete online course assignments and typing assessments.

Course length: One semester (offered both semesters)

Prerequisites: None

CS: Senior Project

A senior project is a comprehensive assignment designed to be a culmination of each student's academic experiences from his/her high school career. The senior project will include a paper and an oral presentation along with visual aids. The senior project is an Idaho graduation requirement. Students must complete and pass this course in order to graduate. Students may not take this course prior to their senior year of high school.

Course length: One semester

Prerequisites: Senior standing