

Secondary Course Catalog

2017-2018



Contents

General Information

Introduction	3
Standards-Based Learning	4
Student Services	4
Graduation Credit Requirements	5
English Language Acquisition Requirements	5
Advanced Placement® Courses	6

Middle School

Course Descriptions (<i>alphabetically by department</i>)	7
Course Offerings by Grade Level	20

High School

Course Descriptions (<i>alphabetically by department</i>)	22
Course Offerings by Grade Level	42

Introduction

The mission of Wuhan Yangtze International School (WYIS) is to educate the whole child socially, spiritually, intellectually, physically, and emotionally to become a dynamic individual of truth and excellence who positively contributes to society.

WYIS is fully accredited by the North Central Association Commission of Accreditation and School Improvement (NCA-CASI), a division of AdvancED. WYIS is a member of the International Schools Consortium (ISC) – a network that, for over 25 years, has offered academically excellent programs to meet the intellectual, physical, and emotional needs of students. ISC serves more than 1,400 students, most of whom are the children of foreign nationals and expatriates working for companies in China. The schools of ISC offer American-based curriculums and college preparatory systems of instruction.

Because ISC operates as a multi-school network, students and teachers are able to participate in system-wide programs in which they can interact with others outside their immediate school context on a regular basis. The extra-curricular programming offered by ISC includes volleyball, basketball, and soccer tournaments; a fine arts festival; a regional science fair; Model United Nations (MUN) conferences; a student council leadership retreat; national and international student service trips; and a senior departure seminar. ISC teachers participate together in an annual educational conference to share best practices with colleagues from across China. The opportunity to be part of this larger, inter-connected community is just one of the many ways in which the WYIS experience is uniquely rewarding.

This course catalog is designed to provide an overview of the secondary courses offered at WYIS this school year as well as an overview of student services offered to support students' academic success.

- **The Middle School Program** begins in sixth grade (ages 11-12). All students in the sixth, seventh, and eighth grades take courses in Mathematics, Science, Social Studies, English, Chinese Language, Religious Studies & Ethics, Visual & Performing Arts, Health, and Physical Education.
- **The High School Program** begins in ninth grade (ages 14-15) and is administered according to a semester credit system. Twenty-four high school credits are required for graduation. High school courses are valued at 0.5 credit per semester; one-semester courses will receive 0.5 credit, and yearlong courses will receive 1.0 credit.

A Standards-Based Learning Environment

Wuhan Yangtze International School is committed to educating each student socially, spiritually, intellectually, physically, and emotionally. In order to know if the school is achieving its mission of successfully educating our students in this way, we have committed to creating a standards-based learning environment throughout all levels of the school. A standards-based learning environment is a learning environment that makes learning targets clear to students, teachers, and parents and ensures that teachers can accurately track each individual student's progress towards these learning targets.

At WYIS, each subject that we teach has as its foundation a set of standards that outline clearly what students should know and be able to do at each level—from the ECC grades all the way to Grade 12. All assessments, assignments, and instruction throughout the school are created to ensure that each student is progressing towards mastery of these learning standards. In this way, the school as a whole is able to keep track of the learning progress of every student in every classroom and respond well to individual student learning needs.

Student Services

The WYIS Student Services department aspires to achieve an exemplary level of innovative and student-centered programs, services, and facilities in support of a growing and diverse international population. These efforts aim to realize the goal of nurturing dynamic individuals of truth and excellence who positively contribute to society. Student Services provides the WYIS community with programs and services, in support of the academic mission, that assist and empower students to achieve their highest educational potential. Student Services works closely with students, faculty, parents, and the community to create a healthy and inclusive educational environment that is conducive to the holistic growth and development of students. Student Services promotes excellence through collaborative services, striving to be responsive, caring and personal. This commitment to students initiates prior to entrance and sustains through their transition to college or university.

Student Services at WYIS encompasses the following:

- Academic Support Services (*for a diversity of academic student needs*)
- Student Counseling Services (*as an academic support*)
- College & Career Preparation
- Nursing Services & First Aid Staff Training

Graduation Credit Requirements

Subject	Credits Required for Graduation †
English – Language Arts	4
Science	3
Social Studies	3
Mathematics	3
Foreign Language*	2
Physical Education & Health	2
Visual & Performing Arts	1
Religious Studies & Ethics	0.5 credit per semester enrolled
Electives**	2
Total	24

* Students may test out of this requirement through AP® or equivalent with approval from principal and school counselor

** Includes Senior Seminar (1.0 credit) in 12th grade

† Acceptance of transfer credits from other schools or institutions will be determined by the principal and school counselor (transfer credits will not count toward a student's WYIS GPA)

English Language Acquisition Requirements

Middle and high school English for Speakers of Other Languages (ESOL) students admitted to WYIS will be placed onto one of three appropriate ESOL levels:

- Level 1 (*2 hours of ESOL per day provided*)
- Level 2 (*1 hour of ESOL per day provided*)
- Level 3 (*support provided as needed outside of class time*)

A Level 1 student may take ESOL in place of Social Studies or a foreign language. A Level 2 student may take ESOL in place of a foreign language only.

A high school ESOL student will take ESOL classes for credit. In addition, a Level 1 student may be required to take English, Religious Studies & Ethics, and Science courses for language acquisition credit before they are ready to advance to regular classwork. These credits do not count toward the graduation requirements for English, Religious Studies & Ethics, and Science (i.e. Language Acquisition Science = 1.0 credit; 3.0 regular Science credits still required for graduation requirements).

ESOL students who enter in high school may not be able to complete requirements for a high school diploma in four years without additional summer school or online courses.

High School Language Acquisition Courses*	Credits
English for Speakers of Other Languages (ESOL) Level 1	2
English for Speakers of Other Languages (ESOL) Level 2	1
Language Acquisition English	1
Language Acquisition Religious Studies & Ethics	1
Language Acquisition Science	1

*These courses/credits are required for English for Speakers of Other Languages (ESOL) students only. Students may test out of these requirements.

Advanced Placement® Courses

WYIS believes that proper preparation for college is vital. Because of this, the WYIS Advanced Placement® (AP®) program is offered as an essential part of the secondary curriculum.

WYIS offers a comprehensive AP® program that prepares students for the Advanced Placement International Diploma (APID). The APID is a globally-recognized certificate for students with an international focus. The APID challenges a student to display exceptional achievement on AP® exams across multiple disciplines. Universities worldwide give favorable consideration to the APID in their admissions processes. All WYIS high school students have the option of pursuing the APID.

WYIS currently offers the following Advanced Placement® courses (some on a rotating basis):

English - Language Arts

- English Language & Composition
- English Literature & Composition

Fine Arts

- Studio Art (2D Design)
- Studio Art (3D Design)
- Studio Art (Drawing)

Foreign Languages

- Chinese Language & Culture

Mathematics

- Calculus AB
- Statistics

Science

- Chemistry
- Physics 2

Social Studies

- Comparative Government & Politics
- World History

Middle School Course Descriptions

Art Courses: Performing Arts

MU101: Middle School Music

Grade Level: 6-8

Length: 1 year (offered every year)

Prerequisites: None

Curriculum Resources: Various music pieces; musical DVDs; music files

Assessments: Final exam, tests in music theory, history, rhythm, tonality, and vocal performance (including public performances)

The purpose of this course is to provide an overview of basic music theory and general knowledge about music, from classic to contemporary music. The Middle School Music course includes reading, listening, writing music, and vocal performance. Throughout the course, students will learn about musical history and musicians. The students will practice singing by reading notes, learning about basic musical techniques, and presentation skills. Students will focus on the general and interesting aspects of the music field.

MU103: Middle School Theater Arts

Grade Level: 6-8

Length: 1 year (offered every year)

Prerequisites: None

Curriculum Resources: Various theater arts resources

Assessments: Quizzes, assignments, select performances (including public performances)

The purpose of this course is to teach students how to create an imagined world about human beings. They will see this created world through the eyes of the playwright, actor, designer, and director. Students will also understand artistic choices and how to critique dramatic works. Students will also be introduced to plays that reach beyond their communities to national, international, and historically-represented themes.

Art Courses: Visual Arts

ART101: Visual Design

Grade Level: 6-7

Length: 1 year

Prerequisites: None

Curriculum Resources: *The Visual Experience*, Davis Publications; Internet art sites

Assessments: Art pieces, weekly sketchbook assignments, monthly studio habits, vocabulary quizzes

This course provides an introduction to two-dimensional design and drawing skills through the creation of art and the study of art history. Students will be instructed in 2D design vocabulary, media, and processes. Color theory and color application are also explored. This course will give students an understanding of the basic elements of design and aesthetics. After studying the elements and principles of art, students will create a project (7 to 8 in the semester) to reinforce their learning. Students will also learn and practice drawing skills to develop their observation skills, and refine their technique and hand-eye coordination when creating artwork. Students will be asked to maintain a sketchbook on a weekly basis.

ART103: Ceramics

Grade Level: 7-8

Length: 1 year

Prerequisites: ART101

Curriculum Resources: *The Practical Potter*, Josie Warshaw; Internet art sites

Assessments: Sketchbook with journal, sketchbook notes that include journaling, sketches and inspirations

In ceramics, students learn the basic procedures working and creating with clay. Students create pieces using coil-building, slab building, as well as different decorating and glazing techniques. Students will work on projects ranging from functional pieces to more sculptural projects.

Chinese Language Courses

FL101: MS Chinese Level 1

Grade Level: 6-8

Length: 1 year

Prerequisites: None

Curriculum Resources: *Encounters: Chinese Language and Culture, Level 1*

Assessments: Episode acting, unit rap singing, vocabulary applications, cultural presentations, authentic materials reading and analysis, Chinese characters tracing and writing, unit check points

The Middle School Chinese Level 1 class is designed for students from beginner to low-intermediate level. The *Encounters* program used in this course embodies a communicative, task-based approach, using authentic materials both in the textbook and the media that focuses students to learn by doing and not by rote memorization.

The course enables and reinforces what students can accomplish using Chinese (e.g. can-do's) and continually stretches their abilities through additional activities, vocabulary, and increasingly complex language use. The dramatic series establishes a reference point for each unit and provides ample opportunities to develop listening and speaking skills while introducing authentic Chinese culture. Relevant grammatical points and topics are then introduced and developed in context so students can accomplish their tasks and learning objectives. The focus of each unit then shifts to reading and writing to develop students' full range of communication abilities. This communicative approach to language instruction is supported across integrated textbooks, workbooks, and other audio-visual and web media.

FL102: MS Chinese Level 2

Grade Level: 6-8

Length: 1 year

Prerequisites: FL101 or equivalent

Curriculum Resources: *Learn Chinese with Me, Volume 2*

Assessments: Role play, vocabulary dictation, make posters or give speeches according to assigned topics, unit tests, final exams

The purpose of this course is to foster Chinese Level 2 students' interest in learning Chinese and to cope with the general needs of conducting daily communication. Students will use previous Chinese language skills to communicate at a higher level. Students will explore Chinese traditional culture and customs (i.e. clothing, zodiac).

FL103: MS Chinese Level 3

Grade Level: 6-8

Length: 1 year

Prerequisites: FL102 or equivalent

Curriculum Resources: *Learn Chinese with Me, Book 3*

Assessments: Vocabulary dictation, make posters or give speeches according to assigned topics, reading reports, writing compositions, final exams each semester

The purpose of this course is to challenge those who have a significant language basis. Throughout the class, Chinese Level 3 students will continue to develop their abilities in reading, speaking, writing, and comprehension. They will also expand their knowledge of Chinese culture through a comparative analysis of other cultures.

FL104: MS Chinese Level 4**Grade Level:** 6-8**Length:** 1 year**Prerequisites:** FL103 or equivalent**Curriculum Resources:** *New Concept Chinese books 14, 15, 16***Assessments:** Vocabulary quizzes, video projects, creating comic books, reading quizzes, final exams

The purpose of this course is to focus on reading comprehension. The students will read stories, fairy tales, prose, idiom stories, humorous stories, etc. They will compare and contrast the simplified and traditional Chinese characters. By the end of this course, students will be able to read and understand essays of about 600 words.

FL105: MS Chinese Level 5**Grade Level:** 6-8**Length:** 1 year**Prerequisites:** The student must be a native Chinese speaker**Curriculum Resources:** *G6 Yu Wen Volume 1 & 2, G7 Yu Wen Volume 1 & 2***Assessments:** Vocabulary quizzes, essays, poster presentations, memorization quizzes, PowerPoint presentations, final exams

The purpose of this course is to challenge those of native language ability. Chinese Level 5 students focus on literature, grammar, and writing. Students gain enhanced listening, reading, and comprehension skills. Students also achieve a higher level of speaking and writing skills.

English-Language Arts Courses

EN101: English 6

Grade Level: 6

Length: 1 year (offered every year)

Prerequisites: None

Curriculum Resources: *Elements of Literature: First Course*, McGraw Hill

Assessments: Quizzes, class discussion, comprehension questions, journal writing, unit tests, essays, and book projects

The purpose of this course is to provide a foundation for advanced English classes that students will take throughout the remainder of their education. The literary focus of the class will be on a general survey of fiction, nonfiction, poetry, drama, myths, and fables. Literary concepts such as plot, conflict, imagery, theme, and characterization will be used to analyze and evaluate the chosen literary selections. The vocabulary focus of the class will be on basic skills such as parts of speech, spelling, synonyms, antonyms, contextual clues, and literal versus figurative meaning. The grammatical focus will be on proofreading skills, correct capitalization, punctuation, sentence structure, and parts of speech. The compositional focus will be on well-constructed and clearly-expressed outlines, paragraphs, and summaries.

EN102: English 7

Grade Level: 7

Length: 1 year (offered every year)

Prerequisites: None

Curriculum Resources: *The Language of Literature: Grade Seven*, McDougall Littell

Assessments: Quizzes, class discussion, journal entries, unit tests, essays, projects

The purpose of this course is to continue to build a solid foundation for further study of English in high school. This course will focus on in-depth analysis of the literary genres of the short story, drama, poetry, nonfiction, and the novel. The vocabulary focus of this course will further diction by increasing oral and written vocabulary, spelling, correct choices of synonyms and antonyms, recognizing denotative and connotative meanings, and correct usage of vocabulary in sentences. The grammatical focus will be on written essays that demonstrate correct grammar usage and mechanics, as well as proper capitalization, punctuation, sentence structure, and correct usage of the different parts of speech. The compositional focus will be on well-constructed and clearly-expressed paragraphs.

EN103: English 8**Grade Level:** 8**Length:** 1 year (offered every year)**Prerequisites:** None**Curriculum Resources:** Selections of Short Stories & Non-Fiction; Elie Wiesel's *Night*; Ray Bradbury's *Fahrenheit 451*; Shakespeare's *Romeo and Juliet*; A Beka Language Series Grammar and Composition**Assessments:** Quizzes, class discussions, journal entries, comprehension questions, semester exams, unit tests, essays, projects

The course is fashioned to actively involve students in learning through a focus on literature, writing, and grammar. Through a student-centered approach to the study of English, students gain practical reading, writing, listening, and speaking skills. Students will write a selection of works including personal responses to literature, a critical essay analyzing text, a short story, a movie critique and analysis, a research project, and a Shakespeare adaptation. They will experiment with formal class presentations such as a multimedia project and with informal discussions while learning active listening skills.

English Language Acquisition Courses

ELA101: Middle School Language Foundations

Grade Level: 6-8

Length: 1 semester to 1 year (offered as needed)

Prerequisites: WYIS ESOL level assessment and placement testing

Curriculum Resources: *Cutting Edge: Elementary, Pre-Intermediate, Intermediate*

Assessments: Vocabulary and grammar quizzes, writing, projects, tests, semester exams

This class provides comprehensive language development for reading, writing, and grammar. The ESOL coordinator oversees students' language development in core subject classes including science, religious studies, and English. Students attend these core classes with the goal of acquiring academic English language skills. Teachers in these classes work with the ESOL coordinator and students to provide modified curriculum, assignments, and assessments.

ELA103: Middle School Language Development

Grade Level: 6-8

Length: 1 semester to 1 year (offered as needed)

Prerequisites: WYIS ESOL Level Assessment and Placement testing

Curriculum Resources: *Cutting Edge: Elementary, Pre-Intermediate, Intermediate*

Assessments: Vocabulary and grammar quizzes, writing, projects, tests, semester exams

This class provides comprehensive language development for reading, writing, and grammar. The ESOL coordinator oversees students' language development in core subject classes including science, religious studies, and English. Students attend these core classes with the goal of acquiring academic English language skills. Teachers in these classes work with the ESOL coordinator and students to provide modified curriculum, assignments, and assessments.

Mathematics Courses

MA101: Math 6

Grade Level: 6

Length: 1 year (offered every year)

Prerequisites: None

Curriculum Resources: *GO Math! Middle School Grade 6; IXL online*

Assessments: Chapter tests, projects, participation, IXL, teacher observations, semester exams

This Grade 6 *Go Math* course concentrates on a clear set of math skills and concepts. Students will learn concepts in a more organized way both during the school year and across grades. The standards encourage students to solve real-world problems.

MA102: Math 7

Grade Level: 7-8

Length: 1 year (offered every year)

Prerequisites: MA101

Curriculum Resources: *GO Math! Middle School Grade 7; IXL online*

Assessments: Chapter test, projects, participation, IXL, teacher observations, semester exams

This Grade 7 *Go Math* course concentrates on a clear set of math skills and concepts. Students will learn concepts in a more organized way both during the school year and across grades. The standards encourage students to solve real-world problems.

MA103: Algebra 1

Grade Level: 8

Length: 1 year (offered every year)

Prerequisites: MA102

Curriculum Resources: *Algebra 1 Vol. 1 & 2, HMH; IXL online*

Assessments: Bell work, mini-quizzes, section quizzes, in-class practice, concept-check questions during guided practice, unit tests and final exams

The purpose of this course is to explain families of functions, with special emphasis on linear and quadratic functions. As students learn about each family of functions, they will learn to represent them as verbal descriptions, equations, tables, and graphs. They will also learn to model real-world situations using functions in order to solve problems arising from those situations.

Physical Education and Health Courses

PE101: Physical Education/Health 6

Grade Level: 6

Length: 1 year (Physical Education: 75% time, Health: 25% time) (offered every year)

Prerequisites: None

Curriculum Resources: SPARK *Middle School PE*, SPARK *Healthy Lifestyle Choices*

Assessments: Tests, presentations, projects, writing assignments/journals, classwork, etc.

The purpose of this course is to teach students the necessary physical skills, knowledge, and personal-social attributes needed to maintain a healthy and active lifestyle. Times of skill development are used to make students more successful at a variety of physical activities including volleyball, basketball, Ultimate Frisbee, badminton, tumbling, recreational sports (ping pong, four square, and aerobics), flag football, tennis, soccer, and possibly swimming. The course also includes one health day every week, which is intended to give students the necessary skills to make healthy choices.

PE102: Physical Education/Health 7

Grade Level: 7

Length: 1 year (Physical Education: 75% time, Health: 25% time) (offered every year)

Prerequisites: None

Curriculum Resources: SPARK *Middle School PE*, SPARK *Healthy Lifestyle Choices*

Assessments: Tests, presentations, projects, writing assignments/journals, classwork, etc.

The purpose of this course is to teach students the necessary physical skills, knowledge, and personal-social attributes needed to maintain a healthy and active lifestyle. Times of skill development are used to make students more successful at a variety of physical activities including volleyball, basketball, jogging, weight training, fitness activities, flag football, handball, tennis or badminton, and soccer. The course also includes one health day every week, which is intended to give students the necessary skills to make healthy choices.

PE103: Physical Education/Health 8

Grade Level: 8

Length: 1 year (Physical Education: 75% time, Health: 25% time) (offered every year)

Prerequisites: None

Curriculum Resources: SPARK *Middle School PE*, SPARK *Healthy Lifestyle Choices*

Assessments: Tests, presentations, projects, writing assignments/journals, classwork, etc.

The purpose of this course is to teach students the necessary physical skills, knowledge, and personal-social attributes needed to maintain a healthy and active lifestyle. Times of skill development are used to make students more successful at a variety of physical activities including volleyball, basketball, Ultimate Frisbee, tumbling, recreational sports (ping pong, four square, and aerobics), flag football, tennis, soccer, rowing, and hand ball. The course also includes one health day every week, which is intended to give students the necessary skills to make healthy choices. These health days will include lecture, discussion, laboratory, and investigative settings. Health units include time management/goal-setting, communication skills, personal health, nutrition, the digestive system, and first aid.

Religious Studies and Ethics Courses

REL101: Israel in the Old Testament

Grade Level: 6

Length: 1 year (offered every year)

Prerequisites: None

Curriculum Resources: *The House of Israel*, ACSI

Assessments: Peer assessments, topic tests, presentations

The purpose of this course is to introduce basic Bible principles giving special emphasis to how God's redemptive story begins and carries through the Old Testament, specifically following the nation of Israel. This class will provide an introduction to the Bible and an overview of the Old Testament and how the stories evidence God's faithfulness and provision. With this course as a foundation, students will be better equipped to take full advantage of other Bible courses that follow.

REL102: Life of Christ and Early Church History

Grade Level: 7

Length: 1 year

Prerequisites: None

Curriculum Resources: *The Life of Christ; To the Ends of the Earth: An In-Depth Study of the Book of Acts*, ACSI

Assessments: Verse quizzes, tests, projects, group projects

The purpose of this course is to look at the life, death, and resurrection of Jesus Christ and the start of the early church. It is divided into two semesters with the first semester focusing on the life of Christ and the second semester studying the book of Acts. In studying the life of Christ, the Gospels (Matthew, Mark, Luke, and John) will be compared so that not only a complete story of the life of Christ can be communicated, but also so that the author's different purposes for writing can be seen. The book of Acts will also be examined to show the growth and expansion of the early church through the spreading of the gospel by Jesus' disciples, particularly Paul and his many missionary journeys. The overarching goal of this course is to show that the promises in the Old Testament are ultimately fulfilled in the New Testament.

REL103: Lightbearers: Introduction to Worldview

Grade Level: 8

Length: 1 year

Prerequisites: None

Curriculum Resources: *Lightbearers*, Summit

Assessments: Unit tests, projects, verse quizzes, class discussions, semester exams

The purpose of this course is to help students start thinking critically about ultimate questions in life: *Is there a God? What is real? What are our options for distinguishing right from wrong?* Through Introduction to Worldview, students will start to understand that ideas have consequences, and their answers to these questions will have a profound impact on the way they behave and the choices they make.

Science Courses

SCI101: Integrated Science 1

Grade Level: 6

Length: 1 year

Prerequisites: None

Curriculum Resources: *Integrated iScience, Course 1*, Glencoe McGraw-Hill

Assessments: Root word quizzes, research paper, laboratory investigations, section quizzes, in-class projects, lab reports, presentations, exit tickets, unit tests, final exams, and the final science fair product

The Integrated iScience program starts off its first course with an introduction into many of the concepts from earth, life, and physical sciences. Course 1 builds a strong foundation of skills, vocabulary, and content that is necessary as students continue through the Integrated iScience program and even into high school. The Integrated iScience program allows students to be hands-on and experience science in real-world applications in three different branches of science. In addition to core content, students will be exposed to a wide range of supplementary materials such as BrainPop, sections of FOSS modules, virtual labs, interactive websites, and inquiry-based laboratory activities.

SCI102: Integrated Science 2

Grade Level: 7

Length: 1 year

Prerequisites: SCI101

Curriculum Resources: *Integrated iScience, Course 2*, Glencoe McGraw-Hill

Assessments: Root word quizzes, research paper, laboratory investigations, section quizzes, in-class projects, lab reports, presentations, exit tickets, unit tests, final exams, and the final science fair product

The second Integrated iScience course reviews introductory concepts from earth, life and physical sciences and continues to build a strong foundation of skills, vocabulary, and content. iScience Course 2 digs deeper into the concepts previously learned to match students' growing intellectual level. The Integrated iScience program allows students to be hands-on & experience science in real-world applications in earth, life, and physical sciences.

SCI103: Integrated Science 3

Grade Level: 8

Length: 1 year

Prerequisites: SCI102

Curriculum Resources: *Integrated iScience, Course 3*, Glencoe McGraw-Hill

Assessments: Root word quizzes, research paper, laboratory investigations, section quizzes, in-class projects, lab reports, presentations, exit tickets, unit tests, final exams, and the final science fair product

Course 3 reviews content learned in Courses 1 and 2, but also continues to build upon and dig deeper into the concepts previously learned to match students' growing intellectual level. The Integrated iScience program allows students to be hands-on and experience science in real-world applications in earth, life, and physical sciences. In addition to core content, students will be exposed to a wide range of supplementary materials such as BrainPop, sections of FOSS modules, virtual labs, interactive websites, and inquiry-based laboratory activities.

Social Studies Courses

SS101: Western World Geography

Grade Level: 6

Length: 1 year

Prerequisites: None

Curriculum Resources: *Western World*, HMH

Assessments: Section quizzes, map quizzes, class discussion, review questions, unit and chapter tests, projects

The purpose of this course is to provide a foundation of the study of world geography for the middle school student. Students are introduced to basic geography skills, as well as physical and human characteristics of the world. Topics shall include, but not be limited to culture and climate regions, North America, Central and South America, the European Nations, Russia, and the Eurasian Republics.

SS102: Eastern World Geography

Grade Level: 7

Length: 1 year

Prerequisites: None

Curriculum Resources: *Eastern World*, HMH

Assessments: Know/want to know assessment, learned charts, vocabulary checklists, map identification surveys, fact quizzes, unit tests, concept/skills exams, projects, and discussions

The purpose for the study of Eastern World Geography for the middle school student is to create a better perspective of the broader eastern world, its foundations, characteristics, cultures, and current issues. Students will review basic geography skills within the five themes of geography. Topics include, but are not limited to political regions and borders; historical and current events; and culture and food within Africa, Middle East, Asia, and the Pacific, including Oceania.

SS103: United States History

Grade Level: 8

Length: 1 year

Prerequisites: None

Curriculum Resources: *United States History*, HMH

Assessments: Class discussion and individual and group projects will be used to develop a frame of reference for the broader themes involved; quizzes, unit tests, second semester final exam, quarter projects

The purpose of this course is to provide students with a foundational knowledge of US History so they may acquire the necessary skills to analyze and understand the major events, trends, and ideas that shaped the history of the American people and other nations within the US sphere of influence. Comparisons will be made with other nations to capture an open, more international vision.

Technology Courses

EC103: Middle School Technology

Grade Level: 6-8

Length: 1 year

Prerequisites: None

Curriculum Resources: CommonSenseMedia.org, various technology training resources

Assessments: Quizzes, projects, discussion boards/collaboration page, blogs, semester tests

This course is designed with a dual focus: digital citizenship and computer applications.

The first semester of this course is designed to study the impact of digital media on the lives of students, their communities, and their culture. Students will learn online values and ethics, internet safety, and online responsibilities. Students are given opportunities to discuss the positive and negative aspects of digital life and are introduced to the concept of digital citizenship.

The second semester of this course is designed to teach students various computer skills such as Microsoft Office Applications, Website Designs, 3D Drawings, Video Editing, Game Design, and a lot more. This course will give students regular opportunities to use technology to develop skills that encourage personal productivity, creativity, critical thinking, and collaboration in the classroom and in daily life. These 21stcentury skills are essential for students to harness the full potential of technology for learning.

Middle School Courses Offered by Grade Level

The Following Courses Will Be Offered For the 2017-2018 School Year, According to Grade Level Listed

SUBJECTS	MIDDLE SCHOOL GRADES		
	6	7	8
PERFORMING ARTS	MU101 - Middle School Music		
	MU103 - Middle School Theater Arts		
VISUAL ARTS	ART101 - Visual Design		
		ART103 - Ceramics	
CHINESE LANGUAGE	FL101 - MS Chinese Level 1		
	FL102 - MS Chinese Level 2		
	FL10B - MS Chinese Level 3		
	FL104 - MS Chinese Level 4		
	FL105 - MS Chinese Level 5		
ENGLISH - LANGUAGE ARTS	EN101 - English 6		
		EN102 - English 7	
			EN103 - English 8
ENGLISH - LANGUAGE ACQUISITION	ELA101 - Middle School Language Foundations		
	ELA103 - Middle School Language Development		
MATHEMATICS	MA101 - Math 6		
		MA102 - Math 7	
			MA103 - Algebra 1
PHYSICAL EDUCATION & HEALTH	PE101 - Physical Education/Health 6		
		PE102 - Physical Education/ Health 7	
			PE103 - Physical Education/ Health 8

SUBJECTS	MIDDLE SCHOOL GRADES		
	6	7	8
RELIGIOUS STUDIES AND ETHICS	REL101 - Israel in the Old Testament		
		REL102 - Life of Christ & Early Church History	
			REL103 - Lightbearers: Introduction to Worldview
SCIENCE	SCI101 - Integrated Science 1		
		SCI102 - Integrated Science 2	
			SCI103 - Integrated Science 3
SOCIAL STUDIES	SS101 - Western World Geography		
		SS102 - Eastern World Geography	
			SS103 - United States History
TECHNOLOGY	EC 103 - Middle School Technology		

High School Course Descriptions

Art Courses: Performing Arts

MU201: High School Choir

Grade Level: 9-12

Length: 1 year

Prerequisites: None

Curriculum Resources: *Master Theory: Beginner and Intermediate*, Kjos Music Company

Assessments: Final exam, tests in music theory, history, rhythm, tonality, and vocal performance (including public performances)

This is a year-long course that explores choral music from a wide variety of cultures and time periods through music theory, music history, rhythm, and tonality, along with combined performance in order to achieve the goal of music education at its fullest. The core curriculum emphasizes the basics of vocal technique, sight-reading, and performance. Students in High School Choir are expected to participate in all choral performances throughout the school year as a major part of their grade.

Art Courses: Visual Arts

ART201: Art Fundamentals (Required for AP® Studio Art)

Grade Level: 9-12

Length: 1 year

Prerequisites: None

Curriculum Resources: *The Visual Experience*, Davis Publications; Internet art sites

Assessments: Artist research/website, displaying completed artwork, critiques, quizzes, textbook assignments, sketchbook checks

For any student who is planning to enroll in the AP® Studio Art course, this course is a required prerequisite; however, any student wishing to develop their creative talents and manual skills will benefit from this art learning. Here, students will specialize in a hands-on production exploring the foundational skills of drawing, painting, and printmaking through the use of different mediums and materials. Color theory and color application are also explored. This course will give students an understanding of the basic elements of design and aesthetics. Historical, contemporary, and cultural references are also an integral part of the program. Students will be asked to visit a museum during the course of the semester.

ART203 Digital Photography & Graphic Design

Grade Level: 9-12

Length: 1 semester

Prerequisites: None

Curriculum Resources: *Art in Focus*, Glencoe; Lynda.com; Internet art sites

Assessments: Projects, group critiques, sketchbook checks, quizzes, exam

This course will explore digital photography and graphic arts through the critical eye of the artist, developing a sense of visual communication and creative expression via digital imagery. Students will specialize in a 6-week unit on digital photography, followed by a 6-week unit on graphic arts software. Fields of study will include rules of composition, depth of field, resolution, color, tonal range & light management, and photojournalism. Concepts of study and practice will include landscape photography, portrait photography, still photography, and abstractions. Students will be introduced to the historical aspects of photography as well as the study of famous photographers. State of the art image enhancing applications such as Adobe Photoshop will be applied. Discussions on balance, elements of design, and color theory are a continual part of the course. The course will consist of the production of a digital art portfolio with images and posters based on themes provided throughout the semester. Grading is based on a set of criteria with ongoing formative assessment. (Please note: Students are encouraged, though not required, to provide their own compact digitals or SLRs.)

Through the production of the WYIS yearbook, students learn the skills necessary to plan, design, produce, and distribute a major publication. The curriculum includes the study and application of photography, graphic design, editing, journalism, and technology. Students in this class learn and work with Adobe In-Design, one of the most operative desktop publishing software programs used in the industry. Adobe Photoshop and digital SLR and compact camera skills are also taught and applied. Students work as a team, unify creative ideas and take on leadership roles. Requirements for this class are self-motivation, dedication to completing a large project, the ability to meet deadlines on time, and the responsibility to produce a 200+ page publication for the entire WYIS community. Students successfully completing this class earn credit in visual arts or a credit in English.

ART401: AP® Studio Art**Grade Level:** 11-12**Length:** 1 year**Prerequisites:** ART201 and any other Visual Arts course (for a total of two credits of art)**Curriculum Resources:** *The Visual Experience*, Davis Publications; *Design Basics*, Wadsworth; Internet art sites**Assessments:** Online portfolios, group critiques, sketchbook checks, final portfolios assessed by AP® examiners

This course is designed for students who have had one credit of Art Foundations and one credit of another Visual Arts elective in preparation for advanced art instruction. Students in this course will be creating a college-level portfolio of art of at least 24 finished pieces of art. For the first semester of the year, students are given specific assignments and themes to develop. (The breadth section consists of 12 pieces.) By second semester, the students will be expected to find their personal direction and theme(s), as well as choosing the media with which they wish to work. (The concentration section consists of 12 pieces of art created around the student's central idea.) The quality section consists of the five pieces of art that is a best representation of the student's artistic ability. This personal work will lead to developing a portfolio and presentation of artwork in an exhibition at the end of the course. Along with the studio work, the students will be expected to keep an ongoing series of written and visual art journals (Investigation Workbooks) to plan, record progress, and critique their studio projects, research other artists, cultures and periods of art history that relate to the themes, and record gallery and museum visits focusing on specific works that interest them. For evaluation, students will be required to photograph and digitally upload their studio artwork to the AP® website as part of their exam. The studio art photos and scanned work are all assessed externally by AP® examiners. Basic art materials will be provided; however, depending on the choice of projects, students will need to be prepared to purchase some of their own materials.

***Note – Students enrolled in this course will have summer homework to complete before the start of the school year. Any students with the forethought of enrolling, even with doubts, should complete the assignments. In the end, even if the student decides not to enroll in the course, the art exercises will benefit the artist's creative process.**

Chinese Language Courses

FL201: HS Chinese Level 1

Grade Level: 9-12

Length: 1 year

Prerequisites: None

Curriculum Resources: *Encounters: Chinese Language and Culture, Level 1*

Assessments: Episode acting, unit rap singing, vocabulary applications, cultural presentations, authentic material reading and analysis, Chinese character tracing and writing, unit check points

The High School Chinese Level 1 class is designed for students from beginner to low-intermediate level. The *Encounters* program used in this course embodies a communicative, task-based approach, using authentic materials both in the textbook and the media that focuses students to learn by doing and not by rote memorization.

The course enables and reinforces what students can accomplish using Chinese (e.g. can-do's) and continually stretches their abilities through additional activities, vocabulary, and increasingly complex language use. The dramatic series establishes a reference point for each unit and provides ample opportunities to develop listening and speaking skills while introducing authentic Chinese culture. Relevant grammatical points and topics are then introduced and developed in context so students can accomplish their tasks and learning objectives. The focus of each unit then shifts to reading and writing to develop students' full range of communication abilities. This communicative approach to language instruction is supported across integrated textbooks, workbooks, and other audio-visual and web media.

FL202: HS Chinese Level 2

Grade Level: 9-12

Length: 1 year

Prerequisites: FL201 or equivalent

Curriculum Resources: *Road to Success* (Elementary book 1)

Assessments: Vocabulary quizzes, journals, worksheets, projects, unit tests, final exams

The purpose of this course is fulfilled through the comprehensive training of writing, reading, listening, and speaking. Students will be able to interpret and respond to oral and written Chinese. The course emphasizes the communication function and the language structure. The content relates to everyday experiences, which allows students to engage Chinese culture and society. Students will gain preliminary knowledge of learning, communicative, resource, and interdisciplinary strategies they will use in guided situations.

FL301: HS Chinese Level 3**Grade Level:** 9-12**Length:** 1 year**Prerequisites:** FL202 or equivalent**Curriculum Resources:** *Road to Success* (Elementary book 2); *Road to Success* (Upper Elementary book 1)**Assessments:** Vocabulary quizzes, journals, worksheets, oral recitations, projects, unit tests, final exams

The purpose of this course is to refine and further develop students' capabilities in Chinese oral and formal written communication. It aims to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills within a cultural frame of reference, reflective of the richness of Chinese language and culture. This course is specifically designed for upper-intermediate to rising-advanced level students, i.e., students with 250-300 college Chinese contact hours (approximately four semesters of college Chinese courses) and who have acquired approximately 1000-1200 words. It is also suitable for native Chinese speakers who are fluent in Mandarin and have completed basic literacy training, as well as learners who wish to achieve advanced proficiency in a short time.

FL401: AP® Chinese Language and Culture**Grade Level:** 9-12**Length:** 1 year**Prerequisites:** FL301 or equivalent and teacher recommendation**Curriculum Resources:** *Jia You!: Chinese for the Global Community***Assessments:** Vocabulary quizzes, journals, worksheets, oral recitations, projects, unit tests, PowerPoint presentations, essays, final exams

The purpose of this course is to provide students with training for the AP® Chinese exam. Students will refine and develop their capabilities in Chinese oral and formal written communication. The class aims to provide students with ongoing and varied opportunities to further develop their proficiencies across the full range of language skills within a cultural frame of reference, reflective of the richness of Chinese language and culture. This class may receive university credit with an AP® test score of a 4 or 5.

FL403: Advanced Chinese: Modern Chinese Literature, History, and Culture**Grade Level:** 9-12**Length:** 1 year (offered every other year)**Prerequisites:** Completion of AP® (Score of 3+) or equivalent**Curriculum Resources:** *Common Knowledge about Chinese History*; *Cultural Interpretations of China***Assessments:** Essays, projects, posters and presentations, historical background quizzes, table discussions, chapter tests, chapter questions, semester exams

This course explores the historical transformations that have led to the development of modern China. In this highly-advanced course, students will examine historical facts, politics, economy, culture, art, science, religion, philosophy, and societal life during different eras in China.

English-Language Arts Courses

EN201: Composition and Communication

Grade Level: 9

Length: 1 year (offered every year)

Prerequisites: None

Curriculum Resources: *The Little, Brown Handbook*, Pearson

Assessments: Quizzes, journals, essay drafts, critiques, projects, semester exams, essays, and speeches

The purpose of this course is to provide an overview of basic composition and communication skills. Through a student-centered approach to the study of English, students will gain practical reading, writing, listening, and speaking skills. The main text is organized to target the grammar, mechanics, and style in communication. Students will develop skills in research and academic writing across multiple disciplines, as well as hone oral communication and presentation skills.

EN202: World Literature

Grade Level: 10

Length: 1 year

Prerequisites: None

Curriculum Resources: *Norton Anthology of World Literature*

Assessments: Quizzes, literary critiques, essays, journals, and projects, semester exams, research papers

The purpose of this course is to consider large world questions answered through the eyes of multicultural writers. Students will gain practical reading, writing, listening, and speaking skills. Students will study and analyze works of literature and will use the “masters” as models for their own writing.

EN301: American Literature

Grade Level: 11-12

Length: 1 year (offered every other year)

Prerequisites: EN201, EN202, or equivalent

Curriculum Resources: *The Language of Literature: American Literature*, McDougal Littell

Assessments: Quizzes, literary critiques, essays, journals, projects, semester exams, and research papers

The purpose of this course is to actively involve students in learning through literary analysis and writing. The course will guide students through a chronological survey of the history of American literature. Students will gain practical reading, writing, listening, and speaking skills. The main text is organized by time and literary periods. Students will study and analyze works of literature and will use the “masters” as models for their own writing.

EN402: AP® English Literature and Composition**Grade Level:** 11-12**Length:** 1 year (offered every other year)**Prerequisites:** C in previous English class and teacher recommendation**Curriculum Resources:** *Perrine's Literature: Structure, Sound, and Sense*, AP Ed.**Assessments:** Quizzes, essays, journals, reflections, Socratic seminars, semester exams, AP® practice exams, literary analysis papers

AP® English Literature and Composition is designed to enhance students' ability to comprehend, analyze, interpret, and evaluate complex literature across various genres and historical and cultural contexts. The course also aims to improve students' proficiency in composing analytical, evaluative, and interpretive essays discussing this literature. Students will be challenged to read actively, to think critically, and to write logically and effectively.

English Language Acquisition Courses

ELA201: High School Language Development

Grade level: 9-12

Length: 1 semester to 1 year (offered as needed)

Prerequisites: WYIS ESOL Level Assessment and Placement testing

Curriculum Resources: *Cutting Edge: Advanced, Skills for Effective Writing 4*

Assessments: Vocabulary and grammar quizzes, paragraph and essay writing, quarter projects, tests, and semester exams

The purpose of this course is to enable students to be successful in mainstream secondary education. Students will be expected to apply class skills to their secondary core classes. Teachers in these classes work with the ESOL coordinator and students to provide accommodations for enhancing students' acquisition of academic language proficiency in the subject areas.

***Note – In some situations, high school level 1 students will take Science, Religious Studies & Ethics, and/or English as a Language Acquisition (ESOL) classes before proceeding into the mainstream material for high school graduation requirement credit (i.e. ELA200).**

Life Skills Courses

EC301: High School Life Skills

Grade level: 10-12

Length: 1 year (offered as needed)

Prerequisites: WYIS ESOL Level Assessment and Placement testing

Curriculum Resources: *Applying Life Skills, McGraw-Hill Education*

Assessments: Unit tests, class discussions, journal writing, projects, presentations, etc.

This class is designed for students in the early years of high school, Applying Life Skills provides a comprehensive Family and Consumer Sciences curriculum covering all of the areas of FACS education. Throughout the course, students will further their understanding on careers, life choices, relationship and life skills, nutrition and the kitchen, and more. This program helps students to understand important aspects of personal development as they mature and become responsible young adults.

Mathematics Courses

MA200: Algebra 1

Grade Level: 9

Length: 1 year (offered every year)

Prerequisites: MA102

Curriculum Resources: *Algebra 1 Vol. 1 & 2*, HMH; *IXL online*

Assessments: Chapter tests, spring & fall finals, chapter quizzes, assignments, class participation

The purpose of this course is to explain families of functions, with special emphasis on linear and quadratic functions. As students learn about each family of functions, they will learn to represent them as verbal descriptions, equations, tables, and graphs. They will also learn to model real-world situations using functions in order to solve problems arising from those situations.

MA201: Geometry

Grade Level: 9-10

Length: 1 year (offered every year)

Prerequisites: MA103

Curriculum Resources: *Geometry Vol. 1 & 2*, HMH; *IXL online*

Assessments: Quizzes, activities, homework assignments, semester exams

Geometry implements the shift from geometry as a course in proof to geometry as a representation of the world around us. The study of geometry also encompasses its close relationship with algebra by using coordinates and algebraic means to verify the synthetic representations. In each chapter, students use algebraic tools to verify properties of figures presented on a coordinate plane.

MA202: Algebra 2

Grade Level: 10-11

Length: 1 year (offered every year)

Prerequisites: MA103 or MA200

Curriculum Resources: *Algebra 2 Vol. 1 & 2*, HMH; *IXL online*

Assessments: Quizzes, activities, homework assignments, semester exams

This course is organized around families of functions, including linear, quadratic, exponential, logarithmic, radical, and rational functions. As students study each family of functions, students will learn to represent them in multiple ways – as verbal descriptions, equations, tables, and graphs. Students will also learn to model real-world situations using functions in order to solve problems arising from those situations.

MA301: Pre-Calculus**Grade Level:** 10-12**Length:** 1 year (offered every year)**Prerequisites:** C or higher in MA202**Curriculum Resources:** *Pre-Calculus*, Houghton-Mifflin; *IXL online***Assessments:** Quizzes, activities, homework assignments, semester exams

This course is primarily designed to prepare students for AP[®] Calculus. Pre-Calculus combines students' prior knowledge of Algebra 1 and 2 along with Geometry to set the platform for Calculus. Students are required to have a graphing calculator (TI-84 or higher is recommended). Higher-level trigonometry is also integrated throughout the course. At the end of this course, students will be prepared to take AP[®] Calculus. Students will also be able to model many different types of functions.

MA402: AP[®] Statistics**Grade Level:** 11-12**Length:** 1 year (offered every other year)**Prerequisites:** B or higher in MA202 and teacher recommendation**Curriculum Resources:** *The Practice of Statistics*, Freeman & Company; *IXL online***Assessments:** Quizzes, activities, homework assignments, semester exams, and practice AP[®] exams

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. In this college level course, students are exposed to four broad conceptual themes: Exploring Data - describing patterns and departures from patterns; Sampling and Experimentation - planning and conducting a study; Anticipating Patterns - exploring random phenomena using probability and simulation; and Statistical Inference - estimating population parameters and testing hypotheses.

Physical Education and Health Courses

PE201: Health and Wellness 1

Grade Level: 9-12

Length: 1 year (Physical Education: 75% time, Health: 25% time) (offered every year)

Prerequisites: None

Curriculum Resources: SPARK *High School PE*; additional PE and health resources

Assessments: Participation, homework tasks, quizzes, projects, final exam

The purpose of this course is to partner with Health and Wellness 2 to teach students the necessary physical skills, knowledge, and personal-social attributes needed to maintain a healthy and active lifestyle. Times of skill development are used to make students more successful at a variety of physical activities. Activities include volleyball, team handball, flag rugby, jogging, badminton, weight training, and fitness activities. These skills are intended to help students discover activities they wish to pursue after high school. The course also includes one health day every week, which is intended to give students the necessary skills to make healthy choices. These health days will include lecture, discussion, laboratory, and investigative settings. Topics include fitness, sports participation, methods of training, spiritual health, health and skill-related fitness, tobacco, drugs, alcohol, skeletal and muscular system, and sports injuries/first aid. Students will also undertake a personal exercise program during the 2nd quarter, which requires researching, planning, and undertaking a program to improve an aspect of either their physical or skill-related fitness.

PE202: Health and Wellness 2

Grade Level: 9-12

Length: 1 year (Physical Education: 75% time, Health: 25% time) (offered every year)

Prerequisites: None

Curriculum Resources: SPARK *High School PE*; additional PE and health resources

Assessments: Participation, homework tasks, quizzes, projects, final exam

The purpose of this course is to partner with Health and Wellness 1 to teach students the necessary physical skills, knowledge, and personal-social attributes needed to maintain a healthy and active lifestyle. Times of skill development are used to make students more successful at a variety of physical activities. Activities include volleyball, badminton, Ultimate Frisbee, soccer, weight training, fitness activities, football, and flag rugby. These skills are intended to help students discover activities they wish to pursue after high school. The course also includes one health day every week, which is intended to give students the necessary skills to make healthy choices. These health days will include lecture, discussion, laboratory, and investigative settings. Topics include wellness, fitness, cardiovascular system, respiratory system, nutrition, weight management, sexual health, psychological health, environmental health, spiritual health, infectious diseases, and cancer.

PE301: Kinesiology**Grade Level:** 10-12**Length:** 1 year (offered on-demand)**Prerequisites:** PE101 or PE102 with a grade of B+ or higher**Curriculum Resources:** *Kinesiology: An Introduction to Exercise Science*, Thompson Publishing**Assessments:** Quizzes, homework tasks, lab works, unit exams, final exam

This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sport, and the physiological, psychological, and social factors that influence an individual's participation in physical activity and sport. The course prepares students for university programs in physical education and health, kinesiology, health sciences, health studies, recreation, and sports administration.

Religious Studies and Ethics Courses

REL201: Introduction to the Bible

Grade level: 9th Grade, or any high school student who comes into WYIS for the first year

Length: 1 year

Prerequisites: None (*REL103: Lightbearers is recommended*)

Curriculum Resources: *Stranger on the Road to Emmaus*, Good Seed International

Assessments: Projects, verse quizzes, class discussions, semester exams

Many people, including Christians, have a “Sunday School” understanding of the Bible. They know some of the major stories, characters, and have some idea of what the Bible talks about, but they do not really know how the Bible is structured, how it came together, and how all of the parts of the Bible connect together. This course will give students an overview of the Bible from Genesis to Revelation. We will explore the key themes, characters, and historical periods of the Bible. We will examine how each part of the Bible should be interpreted, such as the Law, historical books, wisdom literature, prophetic books, gospels, and epistles. We will study issues of inspiration (why the Bible is considered divine in origin) and how that should affect our approach to the Bible; canonicity (how the Bible was put together); and transmission (how the Bible was translated into various languages over time). Students will also learn hermeneutics (principles for interpretation).

REL301: Understanding the Faith: A Survey of Christian Apologetics

Grade Level: 10

Length: 1 year

Prerequisites: REL201 (*REL103: Lightbearers is recommended*)

Curriculum Resources: *Understanding the Faith*, Summit

Assessments: Unit tests, projects, verse quizzes, class discussions, semester exams

Understanding the Faith introduces students to the distinctively Christian worldview. With a special focus and emphasis on apologetic issues, tough questions and issues are raised and examined, such as *What the Bible says about God? Is there evidence of the supernatural? Is Christianity anti-science? Why Don't People Believe?*

REL302: Understanding the Times: A Survey of Competing Worldviews

Grade Level: 11

Length: 1 year

Prerequisites: REL201 (*REL103: Lightbearers is recommended*)

Curriculum Resources: *Understanding the Times*, Summit

Assessments: Unit tests, projects, verse quizzes, class discussions, semester exams

The purpose of this course is to help students clearly understand the tenets of the Christian worldview and how it compares with the tenets of other leading worldviews of our day: Islam, Secular Humanism, Marxism, New Age, and Postmodernism. Everyone has a worldview that is shaped by the people, ideas, and culture around them. In addition, this course will consider a number of other relevant topics, including abortion, euthanasia, radical environmentalism, radical feminism, biotechnology, the arts, cults, the problem of evil, religious pluralism, scriptural reliability, and more.

REL303: Understanding the Culture: A Survey of Social Engagement**Grade Level:** 12**Length:** 1 year**Prerequisites:** REL201 (*REL103: Lightbearers is recommended*)**Curriculum Resources:** *Understanding the Culture*, Summit**Assessments:** Unit tests, projects, verse quizzes, class discussions, semester exams

This course is the capstone to the Understanding the Times worldview trilogy. In an ever-changing society, this course invites the learner to consider the needs and social issues of the world that we live in. Some of the issues raised in this class include technology, the arts and entertainment, marriage, creation, politics and justice. This course examines how 'new' some of these issues are and encourages students to understand and deeply reflect on how we are to respond. This course begins with a broad understanding of Christian history, and students will come to an understanding that today's issues might not be as new as they seem. Students will be required to come ready to discuss current social issues as they investigate various claims, and consider if an authentic Christian worldview would provide a compassionate, effective response in today's culture.

Science Courses

SCI201: Biology

Grade Level: 9-10

Length: 1 year

Prerequisites: None

Curriculum Resources: *Biology: A Human Approach*, BSCS

Assessments: Quizzes, projects, lab journal, essays, science fair project, end-of-unit exams, semester exams

The purpose of this course is to use human examples to engage student interest in the most important concepts of biology. The curriculum strongly emphasizes the development of problem-solving, critical thinking, and inquiry skills. A constructivist approach allows students to cooperatively conduct investigations that are meaningful. These investigations highlight experimental design, analysis, and the application of concepts, rather than the routine verification of processes about which they have already learned. This course provides students with a firm grasp of how the human body normally functions and how our human population can become more fully integrated into the biosphere. This program uses real world connections and thematic approaches that bridge the gap between familiar experiences and more abstract biology theories.

SCI301: Chemistry

Grade Level: 10-12

Length: 1 year

Prerequisites: MA103 or MA200

Curriculum Resources: *Modern Chemistry*, Holt McDougal

Assessments: Quizzes, projects, lab journal, essays, end-of-unit exams, semester exams

The purpose of this course is to study the chemical nature of matter, including its composition, structure, properties, and changes. Designed as a year-long course for college-bound students, the course focuses on a wide range of chemistry topics, including atomic theory, electron configurations, the periodic table, different types of chemical reactions, states of matter, gases, and solutions. In addition to gaining a solid conceptual understanding of chemistry, students will be challenged to apply their chemistry knowledge to solve problems. This course relies heavily on laboratory-based learning experiences, as well as individual and team problem-solving exercises.

SCI302: Physics

Grade Level: 10-12

Length: 1 year

Prerequisites: MA103 or MA200

Curriculum Resources: *Conceptual Physics*, Paul Hewitt

Assessments: Quizzes, tests, projects, lab journal, end-of-unit exams, semester exams

The purpose of this course is to study the physical properties of matter and energy, including kinematics, forces, rotational motion, fluids, heat, electricity, light, and sound. This course relies heavily on laboratory-based learning experiences, as well as individual and team problem-solving exercises. Significant emphasis is placed on communicating results clearly and effectively. This course uses a variety of instructional methods to provide students with a solid conceptual foundation in Physics. Additionally, students will complete a large number of practice problems to gain skills in technical problem solving.

SCI401: AP[®] Chemistry**Grade Level:** 11-12**Length:** 1 year (offered every other year)**Prerequisites:** SCI301 (with a grade of B or higher) and teacher recommendation**Curriculum Resources:** *Chemistry: The Central Science*, Pearson**Assessments:** Chapter quizzes, unit exams (always cumulative), lab journal, semester exams

AP[®] Chemistry is a university-level chemistry course. For most students, this course enables them to undertake, as a college freshman, second-year work in the chemistry sequence at their institution. This course is structured around the six big ideas of Chemistry: Structure of Matter, Properties of Matter, Chemical Reactions, Rates of Chemical Reactions, Thermodynamics, and Equilibrium. This course adheres to the curricular requirements of Advanced Placement[®] Chemistry put forth by the College Board, and as such moves at an extremely rapid pace. AP Chemistry relies heavily on laboratory-based learning experiences with a combination of directed and guided-inquiry methods. Students are required to maintain a laboratory portfolio. AP[®] Chemistry is a rigorous course that will require the highest commitment from participants.

Senior Courses

SEC301: Senior Seminar

Grade Level: 12

Length: 1 year

Prerequisites: None, required course for seniors

Curriculum Resources: Modular units

Assessments: Journal entries, quick-writes, quizzes, impromptu discussions, debates, the examination of peer works, essays, service project analyses, public speeches, mock interviews, digital media products

Senior Seminar challenges students to understand and develop personal responsibility and to enter adulthood as people who think critically, make principled decisions, and effectively influence the communities where they live.

The College and Career units help students research and match their interests with universities, write personal statements, submit applications and financial aid forms, apply for scholarships, explore careers and other post-secondary options, and consider internships. In Life Skills units, students develop competency in communication, personal finance, safety, public speaking, job search, interviewing, and self-care. They also learn about the legal obligations and civic responsibilities of adulthood. Service Learning units help students take ownership of their civic responsibilities by analyzing current events and participating in hands-on opportunities to serve their local and worldwide communities.

Social Studies Courses

SS201: World History 1

Grade Level: 9

Length: 1 year

Prerequisites: Successful completion of Middle School Social Studies

Curriculum Resources: *World History*, Pearson; *Pearson Realize*® interactive portal

Assessments: Reading analysis/concepts questions, quizzes, chapter tests, projects, essays, presentations, semester exams

World History 1 is a year-long course that provides an overview of early history, spanning from pre-historic times to the Middle Ages. The course will first focus on the rise of the first civilizations and carry on into the formation of major ancient societies and their governments. Students will compare and contrast patterns recurring across time and places, analyze government structure and efficacy, and discuss the role of cultural elements, including religion, gender roles, education, and values, in the creation of a society.

SS204: World History 2

Grade Level: 10

Length: 1 year

Prerequisites: SS201

Curriculum Resources: *World History*, Pearson; *Pearson Realize*® interactive portal

Assessments: Reading analysis/concepts questions, quizzes, chapter tests, projects, essays, presentations, semester exams

World History 2 is a continuation of World History 1. This year-long course focuses on modern history, from the Renaissance to World War II. Specific attention will be given to the role of religion in politics, the causes and effects of revolution, ideological change, social revolutions, and international relations in their struggle for balance of power.

SS301: Economics

Grade Level: 11-12

Length: 1 Semester (offered during Semester 1 every year)

Prerequisites: SS201 & SS204 are recommended

Curriculum Resources: *Economics*, Pearson; *Pearson Realize*® interactive portal

Assessments: Reading analysis and concepts questions, quizzes, chapter tests, semester exams

This introductory course will focus on the foundational elements of economics, including supply and demand, market types, market influences, and advertising strategies.

***Note – this course will NOT adequately prepare students for the AP® Economics exams.**

SS302: Systems of Government

Grade Level: 11-12

Length: 1 Semester (offered during Semester 2 every year)

Prerequisites: SS201 & SS204 are recommended

Curriculum Resources: *Comparative Politics Today: A Worldview*, Pearson

Assessments: Reading questions, quizzes, and projects, chapter tests, semester exams

Systems of Government allows students to study the various components of government, including selection of leaders, policy-making processes, and the creation of national identity and political culture. This course is especially helpful to students considering taking AP® Comparative Government in the future.

***Note – this course will NOT adequately prepare students for the AP® Comparative Government and Politics exam.**

SS402: AP® World History

Grade Level: 11-12

Length: 1 year

Prerequisites: SS201, SS204, and teacher recommendation

Curriculum Resources: *Ways of the World: A Brief Global History*, Bedford/St. Martin's; *Sources of World Societies, Volumes 1 & 2*, Bedford/St. Martin's

Assessments: Concepts quizzes, discussion board, essays, class presentations, semester exams

The AP® World History course is a rigorous college-level survey course investigating the ideas, controversies, and developments in world history from the dawn of time to the present age. The course is structured around the investigation of five themes, woven into 19 key concepts covering six distinct chronological periods. This course will give students an opportunity to expand and sharpen their historical thinking skills by offering training in historical argumentation, use of historical evidence, historical causation, analysis of continuity and change over time, periodization, comparison, contextualization, interpretation, and synthesis of historical data.

High School Courses Offered by Grade Level

The Following Courses Will Be Offered For the 2017-2018 School Year, According to Grade Level Listed

SUBJECTS	HIGH SCHOOL GRADES			
	9	10	11	12
PERFORMING ARTS	MU201 - High School Choir			
VISUAL ARTS	ART201 - Art Fundamentals			
	ART203 - Digital Photography & Graphic Design			
			ART401 - AP® Studio Art	
CHINESE LANGUAGE	FL201 - HS Chinese Level 1			
	FL202 - HS Chinese Level 2			
	FL301 - HS Chinese Level 3			
	FL401 - AP Chinese Language and Culture			
	FL403 - Advanced Chinese: Modern Chinese Literature, History & Culture			
ENGLISH LANGUAGE ARTS	EN201 - Composition & Communication			
		EN202 - World Literature		
			EN301 - American Literature	
			EN402 - AP® English Literature and Composition	
ENGLISH LANGUAGE ACQUISITION	ELA200 - Composition & Communication			
	ELA201 - High School Language Development			
LIFE SKILLS		EC301 - High School Life Skills		

SUBJECTS	HIGH SCHOOL GRADES			
	9	10	11	12
MATHEMATICS	MA200- Algebra 1			
	MA201 - Geometry			
	MA202 - Algebra 2			
	MA301 - Pre-Calculus			
	MA402 - AP® Statistics			
P.E. & HEALTH	PE201/PE202 - Health and Wellness 1 & 2			
	PE301 - Kinesiology			
RELIGIOUS STUDIES AND ETHICS	REL201- Introduction to the Bible			
	REL301- Underst. the Faith			
			REL302- Underst. the Times	
				REL303- Underst. the Culture
SCIENCE	SCI201- Biology			
	SCI301- Chemistry			
	SCI302- Physics			
	SCI401- AP® Chemistry			
SENIOR COURSES				SEC301 - Senior Seminar
SOCIAL STUDIES	SS201 - World History 1			
			SS204 - World History 2	
	SS301 - Economics			
	SS302 - Systems of Government			
				SS402 - AP® World History



Tel: +86 27 8423 8713
www.wyischina.com



Wuhan Yangtze International School
Wuhan International Educational Center
10-1 Boxue Road
Wuhan Economic & Technology
Development Zone
Wuhan, China 430056

武汉长江国际学校
武汉国际教育园区
武汉经济技术开发区(沌口)
博学路
邮编 430056