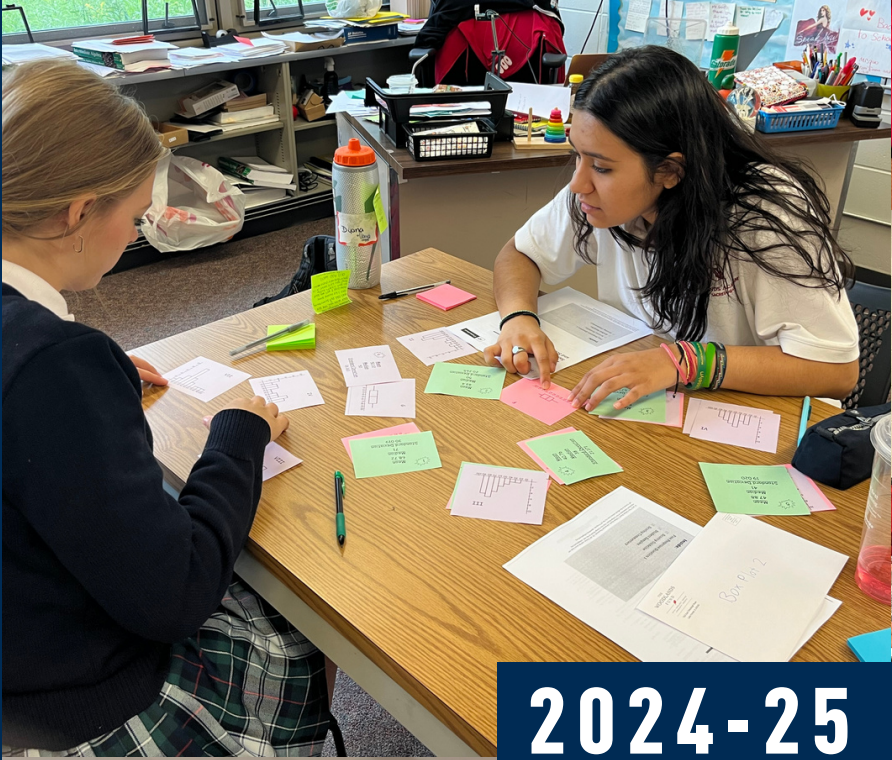


Curriculum GUIDE



2024-25



WOODLANDS ACADEMY
OF THE SACRED HEART



FOREWORD

Woodlands Academy, a Sacred Heart School and member of a worldwide network of schools, offers an education that is marked by a distinctive spirit.

“It is of the essence of a Sacred Heart School that it be deeply concerned for each student’s total development: spiritual, intellectual, emotional, and physical. It is of the essence of a Sacred Heart School that it emphasize serious study, that it educate to social responsibility, and that it lay the foundations of a strong faith.”

—From the “*Goals and Criteria for the Sacred Heart Schools in the United States*”

Woodlands Academy shares the *Goals and Criteria* of all Sacred Heart Schools, which provide a framework within which each school develops specific objectives. These Goals and Criteria are the basis upon which our Curriculum, articulated in the following pages, is built, with a special emphasis on the Second Goal Statement that cites “a deep respect for intellectual values.” The Criteria for this Goal have been delineated as follows:

1. Sacred Heart educators and students engage in challenging experiences that inspire intellectual curiosity, a global mindset, and a life-long love of learning.
2. Sacred Heart educators develop and implement a dynamic curriculum, effective instructional methodology, current educational research, and ongoing evaluation.
3. Sacred Heart educators and students utilize a variety of teaching and learning strategies to support their growth and development.
4. The school curricular and co-curricular programs integrate innovation and collaboration, critical thinking and problem solving, the exploration of emerging technologies, and critical evaluation of information.
5. The school utilizes space and the physical environment in alignment with best pedagogical practices.
6. The school cultivates aesthetic values and the creative use of the imagination.
7. Sacred Heart educators assume responsibility for their professional growth, supported by resources and a culture that promotes life-long learning.

Rocco Gargiulo
Principal

CURRICULUM GUIDE – INTRODUCTION

Consistent with the Goals and Criteria for Sacred Heart education, the goal of the Academic Program of Woodlands Academy is to instill in our students a deep respect for intellectual values, academic integrity, and a lifelong passion for learning.

Woodlands Academy provides a college preparatory program that is intellectually challenging and prepares students to live cooperatively in a global society. We teach our students to:

- Think critically and creatively;
- See connections among ideas and data;
- Problem-solve in myriad different situations;
- Express themselves articulately with poise, clarity, and dignity;
- Use technology effectively and appropriately; and
- Recognize the value of reflective thinking.

The atmosphere of Woodlands Academy is conducive to learning and stimulates engaged thinking and analysis. It promotes the active exchange of thoughts and ideas among students and between students and faculty.

WOODLANDS ACADEMY GRADUATION REQUIREMENTS

Each student must take a minimum of seven (7) credits per year. A minimum of 28 credits is required for graduation. In addition, students must complete a yearly service and Global Odyssey requirement.

<u>DEPARTMENT</u>	<u>REQUIRED CREDIT</u>	<u>RECOMMENDED CREDIT</u>
English	4 credits	4 credits
Fine Arts	2 credits	2 credits
International Language	3 credits in one language	4 credits
Social Studies	3 credits	4 credits
Mathematics	3 credits	4 credits
Physical Education & Health	4 credits	4 credits
Theology	3 credits	3 credits
Science	3 credits	4 credits
Electives	3 credits	3 credits

SERVICE PROGRAM

In order to foster a sense of selfless service to others, Woodlands Academy commits itself to instilling a social awareness that impels the student to action. Freshmen are required to do **10 hours** of service during the second semester. Sophomores, juniors, and seniors are required to do **20 hours** of service per year. These service hours are a **graduation requirement**. It is our hope that with this as a foundation, every graduate will integrate this value into her life.

SPECIAL PROGRAMS

Student Development / Seminar Program

This four-year student development curriculum is based upon the American School Counseling Association (ASCA) National Model and state standards. While various topics are touched upon in advisory, retreats, college skills classes, health classes, and other venues, it is through participation in their seminars, that the students will be introduced to academic, social/emotional, and college/career competencies. In keeping with our Goals and Criteria, the goal of this program is to present students with information about living a healthy lifestyle, creating balance in their life, and finding the resources to reach their full potential in our global society.

Advanced Placement Program

Woodlands Academy offers Advanced Placement courses in 29 subjects: Art – 2D, Art – 3D, Art - Drawing, Art History, Biology, Calculus AB, Calculus BC, Chemistry, Chinese, Comparative Government and Politics, Computer Science A, Computer Science Principles, English Language, English Literature, Environmental Science, French Language, Human Geography, Latin, Macroeconomics, Microeconomics, Music Theory, Physics, Psychology, Spanish Language, Spanish Literature, Statistics, World History - Modern, U.S. Government, and U.S. History. The school requires that all students taking Advanced Placement courses sit for the College Board exams in May. Not doing so will result in an automatic failure of the course. Students may only take AP exams for the courses in which they are enrolled. *Note: The College Board charges a fee for all AP exams, including AP Art. The school bills families for this fee during the first semester of the school year.* In the interest of balance and student wellness, the school strongly recommends that freshmen take no more than one AP course, sophomores take no more than two AP courses, juniors take no more than three AP courses, and seniors take no more than four AP courses in a given academic year. Any student wishing to exceed these limits must petition in writing by completing the AP Limit Exemption Form to gain approval from the Principal.

Global Scholars Program

Students with demonstrated interest in global issues and affairs can apply to be a Global Scholar at Woodlands Academy. Students commit to rigorous coursework and language study, as well as participation in service to a global community and extracurricular activities.

Global Odyssey

Students have a unique opportunity to engage with and experience the world through the Global Odyssey program. After final assessments each year, all Woodlands students will participate in either a class or a trip that develops her global competence.

Junior and Senior College Skills

This program provides ongoing preparation and guidelines to help students make intelligent choices about college and career and offers guidance in pursuing possible opportunities that best suits the individual student.

ACT/SAT/TOEFL Prep Classes

Each year, programs for test preparations will be offered to juniors and international students. ACT and SAT test preparation is also included in the Junior seminar classes.

English as a Second Language (ESL)

The ESL course sequence is designed to help our international students improve their English language skills. It provides a supportive environment that focuses students' individual language needs and enables them to develop the cultural understanding and performance skills necessary to function appropriately and successfully in both academic and social situations. Students are required to take the TOEFL test yearly, and they must remain in ESL classes until they score 80 on the test, a common minimum score required by selective U.S. colleges and universities for admission.

Learning Program (LP)

The Learning Program (LP) at Woodlands Academy offers supportive services for students who require a more structured and individualized approach to a college preparatory curriculum. For over 35 years, this unique program has helped students with mild, learning disabilities and other disorders achieve success and accomplish their goals. The program focuses on growing empathy, advocacy, skill development and empowerment. Learning Program specialists provide individualized instruction during regularly scheduled periods. Students are also mainstreamed in their academic classes. A Student Support Plan is written on the basis of a student's diagnostic profile and learning needs.

LP specialists collaborate and consult with teachers and advisors to facilitate understanding of student needs and maximize student success. Ultimately, in accordance with Sacred Heart Goals, students develop a deep respect for intellectual values, grow in self-knowledge, and develop self-confidence as they learn to deal realistically with their strengths and unique gifts.

Driver Education

This course is the standard State of Illinois-approved program of both classroom and behind-the-wheel instruction. Adams School of Driving may come to our campus to teach an after-school Driver Education program, if there is interest.

Student Exchange Program

Through the Network of Sacred Heart Schools, students from Woodlands Academy may apply to study in another part of the country at one of the other Sacred Heart schools or at one of our schools in another part of the world.

Summer School Courses

Every summer Woodlands Academy offers a small selection of for-credit semester classes as well as sports camps. Grades earned by WA students in summer courses taken at Woodlands will be included in a student's grade point average. Grades received in non-Woodlands summer school courses are not included in a student's grade point average. Students must complete the Summer School Approval Form and submit to the Principal ahead of time to receive credit for summer courses taken elsewhere.

Online Courses or Correspondence Study

Woodlands Academy will accept only **one full credit** of course work per year through online courses or correspondence study. Such courses must receive the prior approval of the Principal.

NCAA Guidelines

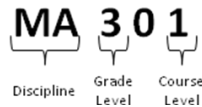
Abiding by the NCAA Eligibility Center's regulations and policies is an essential step in becoming eligible to play college sports. Students planning to play or receive a scholarship at the Division I or Division II level must register and be cleared by NCAA. While most of WA's core courses are approved by NCAA, it is important that you check with the Principal's office to make sure your four-year course plan will meet all the requirements. Failure to meet requirements could result in you not being able to play Division I or Division II sports in college. Ultimately, it is your responsibility to ensure you have met the NCAA eligibility requirements. Information, including the full guide for the college-Bound Student-Athlete can be found at: <http://www.ncaa.org/student-athletes/future/want-play-college-sports>
For information on which WA courses have been approved by NCAA, please see the Registrar or Principal.

COURSE LEVELS

Woodlands Academy is a college preparatory school with a strong academic program. In line with the Goals and Criteria of Woodlands Academy, the curriculum is designed to meet the various needs and demonstrated skills of its students. In order to do this, a course level system exists. The level system is flexible and does not confine a student to a given level for all courses. The four levels are: Advanced Placement, Honors, College Prep Level 1, and College Prep Level 2. Placement in these levels is based upon the demonstrated skill development and intellectual maturity necessary to succeed.

Course Numbers

Each course has a number code. These numbers appear both in the Curriculum Guide and on student schedules in My Backpack.



The first two letters represent the discipline, the first number indicates the grade level for that class, and the final number indicates the level of the class. (0 = Honors Level, 1 = CP1 Level, 2 = CP2 Level, and 5 = Advanced Placement Level).



General Descriptions of Course Levels

	College Preparatory 2 (CP2)	College Preparatory 1 (CP1)	Honors & Advanced Placement (AP)
Class Structure	Classes are explicitly structured. Teacher facilitates independent inquiry.	Classes are structured with increased expectations for independent inquiry with instructor support.	Independent inquiry expected. AP courses are aligned with the College Board curriculum.
Instructional Approach	Instructional strategies promote frequent review of content and skills. Support is provided to assist student use of critical thinking skills. The development of abstract and independent thinking is promoted through the use of concrete examples.	Instructional strategies promote both content and skill review. Students are proactive learners who consistently use critical thinking skills to complete course assignments and engage in class activities. Creative and critical thinking is supported.	Foundational skills are expected. Student completes content review independently. Students are independent, self-motivated learners who are able to complete assignments with minimal guidance. Strategies focus on acquisition and mastery of advanced concepts and analytical skills.
Assignments	Up to 30-45 minutes of homework/study per class meeting. Students may need to utilize resources or seek assistance outside of class to complete assignments.	Up to 30-45 minutes of homework/study per class meeting. Limited guidance needed to complete assignments. Students generally work independently to successfully complete assignments.	45-60+ minutes of homework/study per class meeting. Students are able to work independently and/or cooperatively with others to complete assignments. Significant learning occurs outside of class. Assignments emphasize depth of content.
Assessments	Active class participation and consistent preparation are required. Assessments emphasize basic skills with increasing focus on open-ended conceptual questions.	Active class participation and consistent preparation are required. Assessments are less focused on basic skills and more focused on application and analysis of content.	Active class participation is required and reflects preparation and synthesis of content. Assessments require application, analysis, and synthesis of content. Students in an AP class are required to take the AP exam in May.
Grade Points	Standard grade points are earned.	Standard grade points are earned.	0.5 grade points are added to grades earned in Honors level classes. 1.0 grade points are added to grades earned in AP level classes.

ENGLISH DEPARTMENT

EN100, 101, 102 (Freshman)

Literature and Composition: Honors, CP1, CP2 Levels

In Literature and Composition class, students will learn to identify basic parts, facts, or particular elements of a text in order to comprehend its holistic nature. Students will practice the beginning stages of analyzing those elements through personal, inter-textual, or global constructions in order to derive meaning. Students will be able to craft a purposeful thesis statement, construct an organized and clear five paragraph essay using transitions, clear language, and effective introductions and conclusions. Skills will be strengthened through various literary genres, which include plays, graphic novels, epic poetry, and non-fiction. Students will experience authors from around the world, and from ancient to contemporary times.

EN103

ESL Literature and Composition: CP1 Level

This course is required for ESL I students and replaces Literature and Composition for freshman students. Students will study a variety of literary genres and read works from a wide array of cultures at appropriate reading levels. The course is designed to increase students' reading and writing fluency, as well as foster confidence in their developing English skills. Through composition work, students will learn about prewriting, organizing, drafting and revising.

EN200, 201, 202 (Sophomore)

World Literature: Honors, CP1, CP2 Levels

In World Literature, students develop critical thinking, composition skills, collaborative abilities, and speaking and listening skills through the study of works by internationally acclaimed authors from diverse cultures. Students will experience authors from across cultures, backgrounds, and centuries, proving them a wide range of voices and perspectives. Daily writing and small-group discussions of readings are a cornerstone of the course and units of study are linked to essential questions designed to promote student reflection, empathy, and analysis. Examples include: "What is the source of human courage?" and "How is our understanding of history shaped by storytelling?" Paper assignments include literary analysis essays, personal narratives, and a range of creative writing and presenting opportunities. The final project introduces students to a list of diverse authors with whom they should be familiar prior to college coursework: students independently select from authors not yet studied in class and then apply research and analysis skills to prepare an engaging presentation.

EN301, 302 (Junior)

American Studies: Literature: CP1, CP2 Levels

In American Literature and Composition class, students will be able to infer the purpose of a text, critique its effectiveness, and contemplate its contribution and relevance to the diverse cultures within the Americas. Students will continue to apply conventions of culture, content, and genre to specific texts while analyzing them through construction of personal, intertextual, or global meanings. Students will practice using sophisticated formulas to structure their arguments in a clear and persuasive manner, as a way to begin developing their own authentic voice and style. Students will continue to engage with genres such as novels, short stories, plays, and poems, and they will be challenged through new non-fiction genres such as letters, essays, speeches, and nature writing.

EN305 (Junior)

AP Language and Composition: AP Level

This college-level class is a yearlong study of inquiry, analysis, and informed argument. The texts are primarily focused on the Americas, and units are structured both chronologically and thematically as we read primary source documents along with later authors looking back on a specific time period. Texts from a variety of genres—both fiction and nonfiction—are examined for their audience, rhetorical structure, and purpose, and students use this study of master writers to also inform and improve their own writing for a variety of purposes. Through this, students learn about the breadth of experiences and opinions in the world as they work to strengthen their own views as informed citizens able to engage in meaningful conversations. Students will prepare for the AP Language exam, which focuses on close reading, argumentative writing, and rhetorical analysis.

EN401 (Senior)

Rhetoric & Creative Writing: CP1 Level

This year-long course prepares students for college-level research, analysis, and academic writing while also providing opportunities to write fiction, poetry, and creative nonfiction. During the fall semester, students are guided through a step-by-step inquiry process to research a contemporary topic of interest and then successfully defend a college-level thesis. Through the research process, students gather primary and secondary sources, including student-conducted interviews with experts. During the spring, the focus of the class turns to the creative process: as a classroom community of writers, students will explore approaches to writing poetry, fiction, drama, and creative nonfiction. The final project for the second semester is a portfolio of selected creative work.

EN405 (Senior)

AP English Literature: AP Level

This intensive, yearlong, college-level course is focused primarily on British Literature and is organized chronologically. Each unit explores a variety of literary forms and represents a distinct literary epoch (Classical, Renaissance, Enlightenment, etc.). While the majority of the primary texts are canonical (Shakespeare, Chaucer, Shelley, Austen), the course also aims to give students a wide variety of voices and perspectives through more contemporary sources. Lastly, a significant component of the AP class is geared towards having students hone their in-class writing and test-taking skills to prepare for the College Board examination in May which focuses on close reading, inference, literary devices, and analytical writing.

EN420

Speech & Debate Honors: Honors Level

In Speech and Debate class, students will learn how to write, organize, prepare, and deliver quality public speeches. Students will study how to actively persuade, inspire, inform, and engage an audience through the art of public speaking. Students will study the fundamentals of public communication. Students will learn how to speak articulately when one has time for adequate preparation. Students will also learn to think quickly and speak with little preparation. Finally, students will learn how to argue their points effectively through debate. Students will acquire the skills necessary to communicate in a public setting for years to come.

FINE ARTS DEPARTMENT

AA101 (Freshmen, Sophomores, Juniors, Seniors)

Art I Semester I: CP1 Level

This semester course introduces the basic elements of visual art. Students will develop drawing skills in cartooning, illustration, collage, and printmaking and will be engaged in observational drawing and process-based projects. Students will learn about mark making, tonal value, perspective, proportion, and composition. Various drawing media like pencil, ink, colored pencil, and charcoal will be explored. Students will also be introduced to the art historical context of these methods and techniques. Students will learn how to analyze, critique, and improve their work.

AA111 (Freshmen, Sophomores, Juniors, Seniors)

Art I Semester II: CP1 Level

This semester course introduces color theory and painting media in visual art. Students will develop painting skills in cartooning, illustration, and master copies and will be engaged in observational painting and process-based projects. Students will develop painting skills in watercolor, acrylic, and water mixable oil paint. Color theory will be stressed with an introduction to hue, value, intensity, the color wheel, color palette development and the law of simultaneous contrast.

AA131 (Sophomores, Juniors, Seniors)

Film Making: CP1 Level

This course will explore the engrossing world of visual storytelling. Focusing on short and feature-length films, students can develop screenplays of any length in a workshop setting. Starting with app-based projects and working individually and then collaboratively, students will expand their visual literacy and time-arts technical skills by using DSLRs and editing software to conceptualize, edit and create short films. Particular attention will be given to how the camera tells the story, finding an authentic voice, and shaping the narrative in the editing process.

AA141 (Sophomores, Juniors, Seniors)

Comic Books and Cartooning: CP1 Level

This year-long class will cover the basics of creating comic books and cartoons. Students will learn how to create characters, make cartoon strips, single image cartoons as well as create a comic book. Students will learn cartooning terminology and materials. The history of cartooning will also be introduced to give students context and inspiration for their own cartoons and comics.

AA201 (Sophomores, Juniors, Seniors)

Art II Semester I: CP1 Level (Prerequisite: AA101, AA111)

In this semester course, students focus on intermediate drawing skills, narratives, and compositions while working with a variety of media. Students will continue to develop drawing skills in cartooning, illustration, and master copies and will be engaged in observational drawing and process-based projects. Students will investigate both historical and contemporary artists and begin to identify sources of inspiration. Students will continue to assess and critique their own work as well as the work of other students.

AA211 (Sophomores, Juniors, Seniors)**Art II Semester II: CP1 Level (Prerequisite AA101, AA111, AA201)**

In this semester course, students focus on intermediate painting skills, narratives, and compositions while working with a variety of media. Students will continue to develop painting skills in cartooning, illustration, and master copies and will be engaged in observational painting and process-based projects. Students will hone painting skills in watercolor, acrylic, and water mixable oil paint. Students will investigate both historical and contemporary artists and begin to identify sources of inspiration. Students will continue to assess and critique their own work as well as the work of other students.

AA231 (Sophomores, Juniors, Seniors)**Motion Arts Studio: CP1 Level**

Motion Arts Studio is a course for students interested in pursuing time-based mediums. It provides animation, audio capture, and editing instruction using free, open-source software. Through the study of the history and scope of Japanese Anime and Manga, we will learn about the 12 principles of animation, fundamental physics as applied to animated motion, and story structure and cinematography. We start with flip-o-rama and flipbooks, move on to stop-motion explorations, and proceed to tablet-based animation software.

AA300 (Sophomores, Juniors, & Seniors)**Advanced Studio Art: Honors Level**

This is a rigorous course which requires the production of an extensive portfolio. Projects may include any media. Through direct teacher instruction, individual and group critiques, and independent focused studio activity and research, students will acquire the conceptual, technical, and critical abilities to execute their personal ideas. Critical thinking, self-initiated research, and active participation in group discussions and critiques are encouraged in this class. Additionally, students who wish to complete a portfolio for their college application receive instruction and assistance on photographing, editing, and documenting their work. A major gallery exhibition will be presented in late spring featuring work completed during the year.

AA301 (First Semester) (Juniors, Seniors)**AA311 (Second Semester) (Juniors, Seniors)****Art III: CP1 Level (Prerequisite: AA101, AA111, AA201, AA211)**

This advanced art course seeks to develop previously acquired skills in drawing and painting including color theory, composition, value, narrative, and forms of perspective. The class emphasizes an individual approach to student work and encourages an awareness of personal style while exploring new ideas and concepts.

AA405 – AP Art: 2D (Juniors, Seniors)**AA415 – AP Art: 3D (Juniors, Seniors)****AA425 – AP Art: Drawing (Juniors, Seniors)****Advanced Placement Art: AP Level**

This yearlong course is designed for highly motivated students with a serious interest in any of the visual arts, i.e., drawing and painting, ceramics, design, and photography. Students submit portfolios for evaluation by the College Board at the end of the school year. Students are expected to work both in and outside the classroom and beyond scheduled periods. Maintaining a sketchbook and participating in individual and group critiques are required. AP Art addresses three major concerns: quality of work, concentration on a particular visual interest or thought, and skillful integration of materials, processes, and ideas. A major gallery exhibition will be presented in late spring featuring work completed during the year.

AC101 (Freshmen, Sophomores, Juniors, Seniors)**Ceramics I Fall Semester: CP1 Level**

This studio course is designed to provide an introduction to the ceramics studio and clay construction. Lessons include the limits and possibilities of the materials, the clay cycle, hand-building methods, sculpting, and surface decoration techniques. Students will develop skills in coil, pinch, slab and other hand-building techniques. Basic studio practices will be introduced, and the students will explore personal narrative as a source of inspiration.

AC111 (Freshmen, Sophomores, Juniors, Seniors)**Ceramics I Spring Semester: CP1 Level**

This studio course will provide an introduction to the potter's wheel. Students will apply knowledge of materials and tools to create more advanced functional and sculptural work. Historical and contemporary ceramics serve as sources of inspiration.

AC201 (First Semester) (Sophomores, Juniors, Seniors)**AC211 (Second Semester) (Sophomores, Juniors, Seniors)****Ceramics II: CP1 Level (Prerequisite: AC101, AC111)**

This course will focus on intermediate wheel throwing and hand building techniques. A concentration will be on aesthetic decisions and control of the material. Students will create works with a theme, narrative and functional use. Students will take on a greater role in making clay and loading the kiln.

AC301 (First Semester) (Juniors, Seniors)**AC311 (Second Semester) (Juniors, Seniors)****Ceramics III: CP1 Level (Prerequisite: AC101, AC111, AC201, AC211)**

This studio course is designed to engage students in developing original concepts with an emphasis on planning and engineering. Students are encouraged to develop techniques that foster personal expression, working toward developing a cohesive series of ceramic artwork.

AF101**Freshman Fine Arts: CP1 Level**

This year-long course varies each year and may include two or more components of visual art, music, dance, theatre, and computer coding. The art section provides an introduction to the fundamentals of art and aesthetics through studio art lessons including: drawing, painting, printmaking, photography, ceramics and a brief survey of art history and current trends. The music section leads students to make cultural and historical connections through a project-based introduction to electronic composition and production, the elements of music, and basic ensemble performance skills. The dance section offers a view of movement from analytic, historic and artistic perspectives with a focus on the mind-body connection emphasizing the cognitive and emotional benefits. Students experience a wide variety of disciplines such as yoga, Latin dancing, Irish step dancing and ballet. In theatre, students learn the history and various styles of theatre. Students will become more comfortable with performing in front of others and public speaking. The computer coding section introduces students to logic and programming. At the end of each marking period, the students in the various disciplines present collaborative projects to the rest of the freshmen class.

AM211 (Sophomores, Juniors, & Seniors)

Piano I: CP1 Level

This semester long course is designed for first-time to early intermediate piano players to develop their musical identity at the piano. By studying popular and classical music, students will gain a strong understanding of harmony, rhythm, and reading music from both classical notation and pop chord symbols. By the end of this class students will be able to cover popular songs of their choice, play music from classical notation, create their own songs, and play in group and solo settings. This course is strongly encouraged as a prerequisite to AP Music Theory.

AM400 (Sophomores, Juniors, & Seniors)

Music Theory: Honors Level

This course provides students with a strong functional knowledge of the elements of music theory to be able to read, write, and analyze music of various genres and styles. Students will have the opportunity to self-direct their study around contemporary music of their choice, as well as write and produce music of their own.

AM405 (Seniors; Juniors and Sophomores with teacher consent)

Advanced Placement Music Theory: AP Level (Prerequisite: previous enrollment in music organizations/classes and consent of the department)

This year long course is designed for advanced music students and for those students wishing to prepare for the AP Music Theory exam. Students should exhibit strong music-reading skills. The curriculum includes basic music fundamentals, diatonic and non-diatonic scales, modes, intervals, chords, key signatures, cadences, non-harmonic tones, melodic organization, the development of sight-reading and aural recognition skills, four-part harmony writing and visual analysis, music texture, voice leading, harmonic progressions and rhythm, seventh chords, modulation, music form, and composition and improvisation.

AO101 (Freshmen, Sophomores, Juniors, Seniors)

Instrumental Ensemble: CP1 Level (Prerequisite: Some previous experience playing a wind, string, or percussion instrument, including piano)

Instrumental Ensemble is a class that allows students to participate as a member of the award-winning Woodlands Academy Orchestra throughout the school year and during our annual music department trip in the Spring. The course is open to all students who have some basic knowledge of an instrument as well as those who have advanced musical skills. This is an “early bird” class that meets under the following schedule:

Full Ensemble (all members): Monday-Friday 7:25-8:05am

Sectionals (select members): Held periodically throughout the year by announcement.

A wide variety of musical works from all periods, including contemporary styles, are performed and parts are adjusted to suit a student’s skill level. In addition, basic music theory and techniques are studied, in school and at home. Along with ensemble playing, focus is also on individual development and progress through daily practice, both in school and at home. All sheet music and individual instrument training recordings are available on the class website and should be used outside of class time to enhance each student’s learning experience.

Participation is required at all major concerts (two per year), and there are many opportunities for small ensemble or solo work at community, school, and contest events.

AP101 (Freshmen, Sophomores, Juniors, Seniors)

Photography I: CP1 Level

This beginning-level course introduces black and white, and digital photography as tools for personal expression. Students will experience the tactile and intimate nature of film cameras and delve into the magic of black and white film development and printing. They will progress on to digital cameras, photo-editing, and inkjet printing. There will be an emphasis on acquiring the advanced skills necessary to use photo editing and digital manipulation as tools to unlimited creative expression. Class critiques and the study of female photographers are fundamental components of this course.

AP201 (Sophomores, Juniors, Seniors)

Photography II: CP1 Level (Prerequisite: Photography I or equivalent/consent of department)

The objective of this advanced course in photography is to further challenge each student to develop and refine her artistic ability. Knowledge of advanced techniques in lighting and printing will be emphasized along with alternative photographic processes. Students will work in both color darkroom printing and digital photography as they identify a personal style that reflects a unique artistic sensibility. Once identified, each student will develop a body of work that demonstrates thematic unity and technical skill.

AP301 (Juniors, Seniors)

Photography III: CP1 Level (Prerequisite: Photography II or equivalent/consent of department)

This year-long course will provide the opportunity for students to refine their photographic techniques and expand their knowledge of photographic processes. Students are encouraged to work in digital media as well as traditionally film based processes and contemporary explorations beyond the printed form. Emphasis is on increasing one's visual vocabulary while also identifying a personal style in one's work and pushing the envelope of the medium.

INTERNATIONAL LANGUAGES DEPARTMENT

FC101

Mandarin Chinese Level I: CP1 Level

FC200

Mandarin Chinese Level II: Honors Level (Prerequisite: Chinese I)

FC300

Mandarin Chinese Level III: Honors Level (Prerequisite: Chinese II)

FC400

Mandarin Chinese Level IV: Honors Level (Prerequisite: Chinese III)

FC405

AP Mandarin Chinese: AP Level (Prerequisite: Chinese IV)

Middlebury Interactive and One Schoolhouse offer these digital/online Chinese courses for our Woodlands students. The offerings provide varying levels of immersion methodology to accommodate different world language objectives and learning styles and are designed with the goal of language proficiency, aligned with national standards set by the American Council on the Teaching of Foreign Languages.

In these online Chinese courses, students focus on the four key areas of Mandarin Chinese study: listening, speaking, reading and writing. The extensive use of authentic video, audio, images or texts allows for a contextualized and interactive experience with the vocabulary and linguistic structures. Courses actively engage students in completing a variety of activities, practices, tasks and assessments. Cultural information relevant to Chinese-speaking countries and communities and robust cross-cultural reflections are infused throughout the materials from beginning to end. Recognition and practice of simplified Chinese characters are a key focus of the course, and students learn several characters in each unit. Pinyin is often presented with characters to aid in listening and reading comprehension.

FE101

ESL I: CP1 Level

This course is designed for the advanced beginner to intermediate student. This course teaches basic grammar concepts, vocabulary and word study, sentence and paragraph structure, pronunciation, and dialogue. Students will practice reading, writing, speaking, and listening skills.

FE201

ESL II: CP1 Level (Prerequisite: ESL I or teacher placement)

This course is designed for the high intermediate to advanced student and teaches advanced grammar concepts and rules, vocabulary and word usage, complex sentence structures, and pronunciation skills, in conjunction with reading and writing projects.

FE301, 303

ESL III/Advanced ESL: CP1 Level (Prerequisite: ESL I and II or teacher placement)

This course is designed for the advanced student who has not yet achieved the minimum TOEFL score of 80 necessary for college applications. This course is primarily TOEFL test preparation. Students will practice the skills of reading, writing, listening and speaking, in the context of the TOEFL test and real-life situations.

FF101

French I: CP1 Level

This first-year course introduces students to the excitement of the French language and culture as they acquire world readiness communication skills espoused by the American Council on the Teaching of Foreign Languages (ACTFL). French I students are considered novice learners as they learn to hone their interpersonal, presentational, and interpretive skills. French I students will use *D'Accord* Level 1 and its online SuperSite in addition to authentic resources to begin mastering French.

FF200, 201

French II: Honors, CP1 Levels (Prerequisite: French I)

This course continues to refine and develop the foundational skills from French I. Students will continue using *D'Accord I* to acquire more grammatical structures and vocabulary. French II students are considered novice mid-level learners and will continue to develop their communicative skills in interpersonal, presentational, and interpretative communication.

FF300, 301

French III: Honors, CP1 Levels (Prerequisite: French II)

The class will be conducted mostly in French using Comprehensible Input. Grammar will be taught in English. French III students usually test at the intermediate low to mid-level of proficiency as measured by ACTFL. As students progress in their acquisition of French, they will be assessed frequently to determine their proficiency level. French III students begin to communicate for longer periods of time, using more advanced grammatical structures, and can demonstrate their proficiency in real-world situations like talking about summer camp, daily routines, etc.

FF400, 401

French IV: Honors, CP1 Levels (Prerequisite: French I, II, and at least a “C” in French III)

This course emphasizes the refinement of language skills through articles, video and audio clips, infographics, and other authentic materials. Students are expected to speak French for the entirety of the class, while advanced grammatical concepts will be taught in French and English. French IV students usually test at the intermediate mid to high level of proficiency. Students will be able to speak and elaborate in French for longer periods of time and communicate on a variety of topics like applying for a job, planning an extended trip itinerary, etc. As the class emphasizes cultural comparisons and exploration in the francophone world, this class is a very strong support for students interested in taking AP the following year.

FF405

Advanced Placement French Language: AP Level (Prerequisite: At least “B+” in French IV Honors)

The AP French Language course is designed to prepare students for the AP exam in May. The year is divided into thematic units with readings, multimedia including films, audio and video clips supplemented by the textbook *Thèmes* and its online SuperSite. Classroom activities include, but are not limited to student-led debates, current events, free reading and writing exercises, and simulated practice tests. Throughout the year, students will learn and practice strategies for the writing and speaking sections, participate in peer reviews and individual meetings with their teacher to ensure that they are on the right track for the exam.

FL101

Latin I: CP1 Level

Latin I uses a story-based reading approach to introduce students to Latin. In addition to reading a continuous story, students will practice listening, speaking, and writing in Latin. Students will also learn about Roman culture, history, and geography. Students will know significant dates and eras of Roman history, locations in the Roman Empire, and will understand significant aspects of the social structure and daily life in the Roman Empire.

FL200, 201

Latin II: Honors, CP1 Levels (Prerequisite: Latin I)

Latin II uses a story-based reading approach to teach students intermediate-level Latin. In addition to reading a continuous story, students will practice listening, speaking, and writing based on their reading material. Students will learn about cultural topics such as Roman Law, travel, religion throughout the Empire, and Roman values.

FL300, 301

Latin III: Honors, CP1 Levels (Prerequisite: Latin I and II)

Latin III will transition students to understanding authentic, original Latin. Students will read samplings of many Latin authors such as Martial, Ovid, Pliny, Cicero. Students will review vocabulary, grammar, syntax, and cultural background to support their literary analysis. Students in Latin III will learn the basics of Latin poetry.

FL400, 401

Latin IV: Honors, CP1 Levels (Prerequisite: Latin I, II, and III)

Latin IV students will read original Latin texts and poetry from ancient, medieval, and enlightenment authors. The emphasis in this class will be on the grammar, syntax, and rhetoric of advanced Latin. Students will have the opportunity to write and speak in Latin. In addition, students will choose an area of focus (such as a Latin author or genre) to study.

FL405

Advanced Placement Latin Language: AP Level (Prerequisite: Latin III Honors)

The AP Latin Language course is equivalent to a 3rd semester college Latin course and is designed to prepare students for the AP Latin exam in the spring. The course centers around readings from Vergil's *Aeneid* and Caesar's *Gallic Wars*. Students will engage in close textual readings, discussion, and essay writing to explore themes of Leadership, War and Empire, Human Beings and the Gods, and Roman Values. Skills that will be utilized and refined include comprehension, translation, contextualization, textual analysis, and argumentation.

FS101**Spanish I: CP1 Level**

This is a beginning course in the study of the Spanish language and culture. The course emphasizes oral and written communication in Spanish, with in-context vocabulary learning, inductive grammar presentations, and regular practice of reading and writing. Throughout the year, the course covers different aspects of the culture, civilization, geography, and history of the Spanish-speaking world.

FS200, 201**Spanish II: Honors, CP1 Levels (Prerequisite: Spanish I)**

In this course, students continue to develop their skills in listening, speaking, reading, and writing in Spanish. They expand their vocabulary, knowledge of grammar, and appreciation for Spanish-speaking cultures through conversation and interpretation of authentic visual and written materials in the target language.

FS300, 301**Spanish III: Honors, CP1 Levels (Prerequisite: Spanish I and II)**

This course integrates listening, speaking, reading, and writing skills towards more complex personal expression and a greater appreciation for Spanish-speaking cultures. Students will expand on their skills learned in Levels I and II to be able to understand and use various time frames in written and oral communication. They gain experience with lengthier and more complex readings in the form of articles, essays, and literary texts, through which they will expand their vocabulary and implicit knowledge of Spanish language structures.

FS400, 401**Spanish IV: Honors, CP1 Levels (Prerequisite for Honors: Spanish I, II, and at least a “B+” in Spanish III Honors or consent of department)**

This course emphasizes the utilization and expansion of previously learned language skills through authentic literary texts, news articles, online videos, and films. Grammar is reviewed in greater detail. Students are expected to listen, read, talk, and write about various topics in the target language. Group projects, individual presentations, and short papers are integral to this course. They further develop intercultural skills to include a deeper understanding of practices and perspectives of Spanish-speaking cultures, as well as of the history of Hispanic civilizations.

FS410, 411 (Juniors, Seniors)**Hispanic Civilization and Culture: Honors, CP1 Levels (Prerequisite: Spanish III)**

The class is designed for advanced students who are interested in learning about the Hispanic culture and the roots of Hispanic civilization. Students are introduced to traditional cultural topics of daily life issues found in the Hispanic world. They learn about the origins of the Hispanic culture in the Americas and aspects of family, religion, and customs in the Hispanic world. Readings are in Spanish. Class discussion will be in both English and Spanish to facilitate understanding.

FS420, 421 (Juniors, Seniors)**Current Topics in the Hispanic World: Honors, CP1 Levels (Prerequisite: Spanish III)**

The second semester class is designed for advanced students who are interested in current events in Latin America and Spain. They will be learning about revolutionary movements of the 20th century that have contributed to current political conditions, educational programs and systems, and economics and poverty in the Hispanic World. This semester-long class is open to Juniors and Seniors who have successfully completed at least three years of high school Spanish. Readings are in Spanish. Class discussion will be in both English and Spanish to facilitate understanding.

FS430, 431 (Juniors, Seniors)**Spanish Literature and Conversation: Honors, CP1 Levels (Prerequisite: Spanish III)**

This course is open only to junior and seniors who have successfully completed at least three years of high school Spanish. Students will learn about the Hispanic culture through short stories, poetry and art from the 13th century through the 20th century. They will read a variety of authors, from Don Juan Manuel to Sor Juana Inés de la Cruz and Jorge Luis Borges. Students will learn about Spanish art from Goya, Velázquez and El Greco.

FS505**Advanced Placement Spanish Language and Culture: AP Level (Prerequisite: at least a “B+” in Spanish IV Honors or consent of department)**

This course is designed to be equivalent to an intermediate-level college course in Spanish in order to prepare students for the Spanish Language and Culture AP exam. The course is taught exclusively in Spanish and integrates authentic resources in order to create a rich learning experience. Students practice writing in formal and informal registers through reflections, emails, persuasive essays, and a research paper. They also regularly practice oral communication through debate, presentations, and class discussions.

MATHEMATICS & COMPUTER SCIENCE DEPARTMENT

MA101, 102

Algebra I: CP1, CP2 Levels

This course covers operations on rational numbers, working with algebraic expressions, solving equations and inequalities, graphing in the four-quadrant plane, solving systems of equations, operations on polynomials, factoring techniques, operations on rational expressions, operations on radicals, an introduction to arithmetic and geometric sequences, and work with quadratic equations. Applications and the use of a graphing calculator are woven throughout the course. In the Honors Level section, students solve more challenging problems and explore topics in greater depth.

MA200, 201, 202

Geometry: Honors, CP1, CP2 Levels

(Prerequisite for Honors: Algebra I Honors with a grade of at least “C” and consent of department)

This course covers plane and solid geometrical skills, including spatial visualization, measurement, and inductive and deductive reasoning. The following topics are used to develop these skills: lines, points, and planes; angles, triangles, and polygons; circles; parallelism, congruence, and similarity; perimeter, area, and volume. The emphasis on geometric proofs varies according to the level. A brief introduction to right triangle trigonometry is included at all levels. The CP2 Level section emphasizes practical problems in geometry and inductive reasoning.

MA235

Advanced Placement Computer Science Principles: AP Level

(Prerequisite: none)

Woodlands Academy is excited to offer Edhesive’s AP Computer Science Principles course through our Amazon Future Engineers grant. The CS Principles class has been designed as a year-long high school course that fully addresses the seven "Big Ideas" of computer science and six "Computational Thinking Practices", as specified by the College Board's AP Computer Science Principles curriculum framework. The lessons and materials used throughout this course incorporate Project-Based Learning (PBL), a pedagogical approach that actively engages students in the educational process, improves retention and develops problem-solving, critical thinking, and group communication skills. Through this collaborative, learner-centric approach, students are encouraged to explore the advantages and societal impact of computational technology while developing their own programming and computational thinking skills. The course is roughly 20% coding, and 80% focused on CS applications through project-based, inquiry-based, collaborative learning.

MA300

Algebra II & Trigonometry: Honors Level

(Prerequisite: Geometry Honors with a grade of at least “C” and consent of department)

This course assumes the student comprehends the concepts, and demonstrates competency in the skills of Algebra I. In addition to studying the traditional topics of Algebra I at a more advanced level, students will study complex numbers, exponential and logarithmic functions, complex fractions, and conic sections. Students will learn probability and statistics which includes the binomial and normal distributions, and z-scores. Students will be introduced to matrices, inverse matrices, and determinants to solve linear systems of 2 and 3 equations. Complete factorization of polynomials will be covered in detail. Students will further their skills in solving equations algebraically and graphically both longhand and with the use of the graphing calculator.

MA301

Algebra II: CP1 Level

(Prerequisite: successful completion of Geometry and consent of department)

This course assumes the student comprehends the concepts, and demonstrates competency in the skills of Algebra I. In addition to studying the traditional topics of Algebra I at a more advanced level, students will study complex numbers, exponential and logarithmic functions, complex fractions, and conic sections. Students will further their skills in solving equations algebraically and graphically, both longhand, and with the use of the graphing calculator.

MA302

Algebra II: CP2 Level

(Prerequisite: successful completion of Algebra I)

In this course the traditional topics of Algebra I are covered at a more advanced level with additional review provided of basic Algebra I. Students will study complex numbers, exponential and logarithmic functions, complex fractions, and conic sections. Students will further their skills in solving equations algebraically, and graphically, both longhand and with the use of the graphing calculator.

MA305

Advanced Placement Statistics: AP Level

(Prerequisite: Algebra II Honors or Pre-Calculus Honors with a grade of at least “B” and consent of department OR Pre-Calculus CP1 with a grade of at least “B+” and consent of department)

This AP Level Statistics course follows the College Board AP Statistics outline. It consists of a full academic year of study introducing students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, planning a study, anticipating patterns, and statistical inference. Students who successfully complete the course and pass the AP exam with a score of 3 or higher may receive credit and/or advanced placement for a one-semester college statistics course.

MA355

Advanced Placement Pre-Calculus: AP Level

(Prerequisite: Algebra II Honors with a grade of at least “B-” and consent of department)

AP Precalculus centers on functions modeling dynamic phenomena. This research-based exploration of functions is designed to better prepare students for college-level calculus and provide grounding for other mathematics and science courses. In this course, students study a broad spectrum of function types that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Furthermore, the course is structured to provide a coherent capstone experience and is not exclusively focused on preparation for future courses. During this course, students acquire and apply mathematical tools in real-world modeling situations in preparation for using these tools in college-level calculus. Modeling, a central instructional theme for the course, helps students come to a deeper understanding of each function type. By examining scenarios, conditions, and data sets, as well as determining and validating an appropriate function model, students develop a greater comprehension of the nature and behavior of the function itself. The formal study of a function type through multiple representations (e.g., graphical, numerical, verbal, analytical), coupled with the application of the function type to a variety of contexts, provides students with a rich study of precalculus. A strong foundation in algebraic concepts, especially factoring and solving polynomials, is needed. The TI-84 Plus CE calculator is significantly utilized throughout the course.

MA401

Pre-Calculus: CP1 Level

(Prerequisite: Algebra II CP1 Level with a grade of at least “C” and consent of department)

Students will expand their algebra skills with an overview of factoring, solving, and graphing polynomials. Using properties of powers and radicals, students will simplify powers and radicals, including rationalizing the denominator. Students will graph and solve exponential and logarithmic functions. Students will study the unit circle and determine the exact values for the six trigonometric functions. An introduction to financial literacy will be included. The TI-84 Plus CE calculator is significantly utilized throughout the course.

MA405

Advanced Placement Calculus AB: AP Level

(Prerequisite: Pre-Calculus Honors with a grade of at least “B” and consent of department)

This AP Level calculus course follows the College Board AP Level Mathematics: Calculus AB outline. This course consists of a full academic year of work in differential and integral calculus. Calculus AB is primarily concerned with an intuitive understanding of the concepts of calculus. Students will approach topics graphically, numerically, analytically and verbally. Students who successfully complete the course and pass the AP exam with a score of 3 or higher may receive credit and/or advanced placement toward one semester of college calculus.

MA411

College Algebra: CP1 Level

(Prerequisite: Successful completion of Algebra II and consent of department)

This course is a continuation of topics from the Algebra I, Geometry, and Algebra II curriculum. Through structured support with organization and note-taking, students have the opportunity to learn algebraic concepts to increase their problem solving skills. Topics include but are not limited to: trigonometry, polynomial, rational, exponential, and logarithmic functions, and systems of equations and inequalities. The instruction is designed and paced in a way to help students both learn and retain mathematical concepts while preparing them for college level mathematics. Relevant graphing calculator skills are presented and practiced throughout the course.

MA505

Advanced Placement Calculus BC: AP Level

(Prerequisite: AP Calculus AB with a grade of at least “B” and consent of department.)

This one semester AP level course consists of work in differential and integral calculus and polynomial approximations and series. Calculus BC deepens the understanding of AP Calculus AB course material and explores additional topics including parametric, polar and vector functions, series and Taylor polynomials. Students who successfully complete the course and pass the AP exam with a score of 3 or higher may receive credit and/or advanced placement for two semester college calculus courses.

MA510

Multivariable Calculus: Honors Level

(Prerequisite: AP Calculus BC with a grade of at least “B” and consent of department.)

This year-long course covers a typical college-level Calculus III curriculum, including vectors and vector-valued functions, curves and surfaces in space, partial derivatives and gradients, multiple integration, and line and surface integrals. In the course’s final unit, students learn how to identify and solve various kinds of differential equations, including exact first-order equations and second-order homogeneous and nonhomogeneous linear equations, and they practice using such equations to model systems from science and engineering. Built on a foundation of sophisticated problem solving, the course also features 3D visualization and model-building activities that help students develop their geometric intuitions about doing calculus in higher dimensions.

PHYSICAL WELLNESS DEPARTMENT

PW121 (Year Long class)

Physical Wellness (Freshmen, Sophomores, Juniors and Seniors)

This is a full year course required for freshmen, sophomores, juniors, and seniors. Emphasis is placed on lifelong health and wellness. In physical education, basic skill development, fitness, good sportsmanship, teamwork, knowledge of rules and strategies, and enjoyment of physical activity are desired outcomes. Students participate in a variety of individual and team activities. Assessments of fitness levels are done throughout the year.

Extracurricular sports offerings include field hockey, tennis, volleyball, basketball, softball and soccer. During a sport's season, the sophomore, junior, and senior team members are exempt from attending the PE portion of this class. The instructor will provide more specific information. Opportunities for leadership exist through the Girls' Recreation Association. The GRA assists in classes, sponsors other athletic activities, and plans the annual sports awards ceremony.

PW301

Fit For Life: CP1 Level

Overall health encompasses both physical and mental fitness and is a life-long process. The goal of this course is to have students appreciate the importance of fitness and establish goals for themselves. During this course, students will be exposed to a variety of activities including strength training, cardio-conditioning, walking, biking, dance, yoga, kick-boxing, self-defense, mindfulness, and meditation.

PW311

Outdoor Education: CP1 Level

Outdoor activities class will give the students an opportunity to explore and enjoy the outdoors. This course will promote team building, communication skills, cooperative behaviors, and self-awareness. Students will participate in hiking, biking, orienteering, archery, winter activities, obstacle challenges, cooperative games, and various other outdoor activities. Students must be able to ride a bike to participate.

PH121 (Year Long class): 9th Grade Health

PH221 (Year Long class): 10th Grade Health

PH321 (First Semester): 11th Grade

PH421 (Second Semester): 12th Grade

Health Education (Freshmen and Sophomores)

At Woodlands, Health and Wellness classes aim to develop students' personal growth and self-awareness skills, community life and social responsibility, physical and mental wellness, leadership, and life skills.

In 9th grade, the Health and Wellness class explores health education such as first aid, CPR training, substance abuse, human body systems, communicable and non-communicable diseases. Making healthy decisions is emphasized. Additionally, students are taught age-appropriate skills in transitioning to high school, developing peer relationships, leadership, executive functioning, emotional intelligence, and self-advocacy.

In 10th grade, the Health and Wellness class explores health education topics and life skills. Topics include self-care, developing resilience, making healthy choices, adopting a growth mindset, community engagement, responsible digital usage, sleep health, conflict resolution, and dialogue skills.

The Junior Health Seminar series combines the curricular goals of Woodlands' College Skills and Health classes focusing on developing students' academic skills and promoting their social-emotional wellness. Several classes are devoted to preparing for standardized testing. Other seminars include assertiveness and effective communication skills, appropriate digital communication, time management, healthy coping skills for dealing with stress, depression, anxiety, and healthy relationships.

Students learn skills to promote a safe and healthy transition to college life in the Senior Health Seminar classes. Topics include self-defense training, coping with adjustment challenges, self-care, mental health during college, dating, and campus safety, finding resources on campus, and participating in alumnae life.

CS311

Junior College Skills (Second Semester)

In this pass/fail course, students work to identify their strengths and weaknesses (both academic and non-academic), their values, their personalities, and their interests, and relate them to what they need and desire from a college environment. Students will collect, analyze, and synthesize information about colleges and universities in the United States and abroad.

CS411

Senior College Skills (First Semester)

In this pass/fail course, students will continue the college search process by analyzing how admission decisions are made and will evaluate themselves with respect to their own contributions to a prospective college community. They will work to complete the application process to selected colleges and financial aid, if appropriate, in an effective and timely manner. Students will be able to present themselves in a positive manner both in writing and in person, as well as be prepared to make informed decisions about their future goals and aspirations.

SCIENCE DEPARTMENT

SC100, 101

Physics I: Honors, CP1 Level

This is the first course in the required science sequence. Introductory physics utilizes inquiry based laboratory activities to explore topics such as forces, motion, matter and energy, electricity and magnetism, waves, sound light and optics. The course integrates the use of algebra, scientific reasoning, hands-on techniques and collaborative learning skills. Physics I is designed to provide a solid foundation for understanding both chemistry and biology.

SC200

Chemistry: Honors Level (Prerequisite: Grade of "A" in Physics I, and consent of department)

This is an introductory course designed to provide students with a solid foundation for taking AP Chemistry in the future. Major concepts mastered in this course include the structure of the atom, dual nature of light/electromagnetic spectrum, electron configuration, nomenclature, chemical reactions and stoichiometry, chemical bonding, laws of gases, acids, bases, equilibrium, nuclear chemistry, and an introduction to organic chemistry. Laboratory technique and safety in the lab correlate with concepts. Students keep a lab notebook and write lab reports to communicate conclusions drawn from data.

SC201

Chemistry: CP1 Level (Prerequisite: Completion of Physics I)

This is an introductory course designed to provide students with a solid foundation in basic chemistry concepts. Major concepts mastered in this course include the structure of the atom, nomenclature, empirical and molecular formulae, molar mass, chemical reactions, stoichiometry, laws of gases, acids, bases, equilibrium, and nuclear chemistry. Laboratory technique and safety in the lab correlate with concepts. Students keep a lab notebook and write lab reports to communicate conclusions drawn from data.

SC205

Advanced Placement / Dual Credit Chemistry: AP Level (Prerequisite: Grade of "B" or higher in Chemistry Honors and Algebra II Honors; consent of the department)

This AP Chemistry class is the equivalent of a college-level general chemistry course for chemistry majors. The AP College Board dictates the curriculum for this course and revolves around nine essential topics: atomic structure and properties; molecular and ionic compound structures and properties; intermolecular forces; chemical reactions; kinetics; thermodynamics; equilibrium; acids and bases; and application of thermodynamics. Laboratory technique and safety in the lab correlate with the concepts. Students keep a lab notebook and write lab reports to communicate conclusions drawn from data. Students are required to either take the Advanced Placement exam in May or register for dual credit.

SC300

Biology I: Honors Level (Prerequisite: Grade of "A" in Physics I and Chemistry)

This is an introductory biology class designed to provide a solid foundation for students planning on taking AP Biology senior year. Major themes include Science as a Process, Energy Transfer, Evolution, Continuity and Change, Relationship of Structure to Function, Regulation, Interdependence in Nature, and Science, Technology and Society.

SC301

Biology I: CP1 Level (Prerequisite: Physics I and Chemistry I)

This is an introductory biology class designed to provide a solid foundation in major branches of biology. The course stresses scientific inquiry in a laboratory setting with emphasis on the processes of twenty first century biology. Topics include principles of cellular and molecular biology, biotechnologies, modern genetics, evolutionary change and introduction to ecological connections.

SC305 (Juniors, Seniors)

Advanced Placement Biology: AP Level (Prerequisite: Grade of “B+” or higher in Physics I and Chemistry; grade of “A-” or higher in Honors Biology; consent of the department; Statistics is strongly encouraged.)

This senior year biology course is the equivalent of a college introductory course for biology majors. It emphasizes scientific inquiry and reasoning. The curriculum is framed around four major ideas: the process of evolution drives the diversity and unity of life, biological systems utilize energy and molecular building blocks to grow, reproduce, and maintain homeostasis, living systems retrieve, transmit, and respond to information essential to life processes, and biological systems interact, and these interactions possess complex properties. Students are required to take the Advanced Placement exam in May.

SC405

AP Physics I: AP Level (Prerequisite: Grade of “B” or higher in Physics I, Chemistry, and Biology and consent of department)

Physics models the interactions of matter, energy, space and time via fundamental laws. AP Physics I follows the “Big Ideas” of physics and focuses on using algebra, geometry and trigonometry to solve problems and model physical laws. This course covers topics in kinematics, dynamics, circular motion and gravitation, energy, momentum, rotational dynamics, and simple harmonic motion. Students are required to take the College Board AP Physics I exam in May.

SC430, 431

Environmental Science: Honors, CP1 Levels (Senior elective)

This elective is a study of connections in nature. It examines how the environment is being used and abused and what individuals can do to protect and improve it. The following topics will be covered: ecological principles, energy resources, pollution and human impact on the environment, conservation and sustainability. This course will include a field of study and analysis of a local community.

SC440, 441

Principals of Engineering Design I: Honors, CP1 Levels

SC450

Principals of Engineering Design II: Honors Level

Students will explore engineering tools and apply a common approach to the solution of engineering problems. Students will take things apart to understand how they work, and they will apply what we learn to build things. Working individually and in small groups, students use systems thinking and consider various aspects of engineering design, including material selection, human-centered design, manufacturability, assimilability, and sustainability. As part of the design process, students will produce precise 3D-printed engineering prototypes. Students will be using curriculum from Project Lead the Way.

SC451

Robotics: CP1 Level

Robotics is an introductory course where students learn the fundamentals of robotics and coding. Students will learn how to build a drivetrain and use motors and servos. Students will build robots controlled manually and via an autonomous program to perform specific tasks. Students will work in tandem with Robotics Club.

SC470

Anatomy & Physiology: Honors Level

Anatomy and Physiology explores the structures and functions of systems in the human body including the circulatory, respiratory, endocrine, and reproductive systems. Students will explore the role of diagnostic tools and research in the prevention and control of disease. Students will engage in lab work, hands-on activities, research projects, and presentations.

SC480, 481

Astronomy: Honors, CP1 Levels (Senior elective)

This course in astronomy is intended for both the enthusiast as well as those wishing to pursue further study in the field. The curriculum will be primarily qualitative in nature, with some basic mathematics and physics concepts being introduced when necessary or appropriate. Topics of study will include: the fundamentals of astronomy; an introduction to the tools and techniques of modern astronomical observations; and historical development of our understanding of the Solar System as well as an introduction to extrasolar systems; the formation, nature, evolution, and death of stars; the interstellar medium; our Milky Way Galaxy; normal and active galaxies; large scale structure of the universe, and modern ideas in cosmology and the early universe.

SC491

Forensic Science: CP1 Level

This one-semester elective embraces all of the scientific disciplines that are utilized in forensic investigations with the goal of bringing criminals to justice. Students learn about the kinds of evidence found at crime scenes and how the evidence is collected, processed, and analyzed. During lab time, students learn to perform various forensic techniques including fingerprint identification, blood identification, hair and fiber analysis, DNA profiles, and trace analysis.

SOCIAL STUDIES DEPARTMENT

SS101, 102 (Freshmen)

World History: CP1, CP2 Levels

World History covers the history of humanity from our beginnings to the present. Utilizing the World History Project curriculum as a base, students will explore the many developments that human societies have made to understand our present world. Through analyzing historical sources and learning to make connections and craft historical arguments, students will explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. Students will end the year with a strong understanding of how human societies developed, changed, and interacted.

SS105 (Freshmen)

AP World History - Modern: AP Level (Prerequisite: World Studies Honors with a grade of B+ or above and consent of department)

The AP World History course focuses on developing students' understanding of world history from approximately 1200A.D. to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in four historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania.

SS201, 202 (Sophomores)

Modern European History: CP1, CP2 Levels

Modern European history covers the years 1450 to the present. Students cultivate their understanding of European history and its impact on our world today through analyzing historical sources and learning to make connections and crafting historical arguments. Students will explore concepts like the interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

SS205 (Sophomores)

AP European History - Modern: AP Level (Prerequisite: AP World History with a grade of B or above and consent of department)

AP European History is an introductory college-level European history course covering the years 1450 - Present. Students cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like the interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

SS211, 212 (Juniors, Seniors)**Psychology: CP1, CP2 Levels**

Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological principles and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

SS240, 241 (Juniors, Seniors)**Sociology: Honors, CP1 Levels**

This one semester course is designed to introduce students to the systematic and scientific study of human social behavior. Students are exposed to the sociological facts, principles, and phenomena associated with each of the major subfields within sociology. They also learn about the ethics and methods sociologists use in their science and practice.

SS301, 302 (Juniors)**American Studies: History: CP1, CP2 Levels**

The U.S. History course develops students' understanding of American history from approximately 1491 to the present. The course requires students to investigate the content of U.S. history for significant events, individuals, developments, and processes. The course also asks students to explore and make connections among historical developments in different times and places, allowing them to see and understand United States history within the context of the wider history of the world. This course will include a unit on American patriotism, the principles of representative government, the Declaration of Independence, the US Constitution, and the Constitution of the State of Illinois. All students must pass the US Constitution test which be noted on their transcripts.

SS305 (Juniors, Seniors)**AP U.S. History: AP Level (Prerequisite: A grade of 'B+' or better in World Studies II or AP World History and consent of department)**

The AP U.S. History course focuses on developing students' understanding of American history from approximately 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places. This course will include a unit on American patriotism, the principles of representative government, the Declaration of Independence, the US Constitution, and the Constitution of the State of Illinois. All students must pass the US Constitution test which be noted on their transcripts.

SS405 (Juniors, Seniors)**AP Psychology: AP Level**

This is a college-level course survey course with a curriculum determined by the College Board. The course of study includes the major subfields of psychology: the gathering and evaluation of evidence relating to human behavior, neuroscience, human development, sensation and perception, states of consciousness, learning and memory, intelligence, motivation, emotion, social psychology, personality, and the understanding and evaluation of theories with regard to the causation and treatment of disorders. Students will be prepared to take the advanced placement Psychology exam in May.

SS415 (Juniors, Seniors)**AP US Government: AP Level**

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. Students will also engage in skill development that requires them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

SS450, 451 (Juniors, Seniors)**Global Issues & Modern World Topics: Honors, CP1 Levels**

This year-long course is designed to introduce students to contemporary global and domestic issues, while writing and producing new media to engage a global audience. Students will engage with content in a variety of ways and understand how to adapt to a constantly evolving landscape of media and social engagement. Students will take leadership roles in the production, delivery, and editorial nature of content. By the end of the course, each student will develop an expanded knowledge of the world around her and her own responsibility to engage others in the conversation.

SS470, 471 (Seniors)**Women in World History: Honors, CP1 Levels**

This one semester course is intended to increase student understanding of the history and experiences of women around the world and in the United States. It principally focuses on the ways in which gender interacts with race/ethnicity, social class, religion, age, nationality and other cultural identities to create differences and similarities in gendered lives. Students will critically examine and compare through a multidisciplinary approach the voices and experiences of women representing both domestic and global diversities. The students will analyze the divergent roles of women in ancient civilizations, Africa, the Ottoman Empire, India, China, Europe and the United States in attempts to ascertain cultural norms regarding gender roles.

SS510, 511 (Seniors)**Entrepreneurship & Economics: Honors, CP1 Levels**

The course introduces students to the world of entrepreneurship through the development of the entrepreneurial mindset. The focus will be on starting and running a new business venture. Students will analyze the entrepreneurial process of formulating, planning, and implementing new business ventures and opportunities. In conjunction, the fundamental concepts of microeconomics will be covered to provide students with an understanding of the financial aspects and issues that confront entrepreneurs when developing financial plans and controls for their business venture.

THEOLOGY DEPARTMENT

TH101 (Required Freshman Religion)

World Religions: CP1 Level

Madeleine Sophie Barat said, “To influence the world, we must understand it.” In today's world of globalization, mass migrations, and increasingly multi-religious and multi-ethnic societies, it is critical that individuals have a basic respect for the variety of belief systems that surround us. This course offers students the opportunity to explore a variety of religious traditions throughout the world and to develop a cultural fluency of the language of religious communities. The purpose of this study is to grow in the understanding of and appreciation for one's own personal faith tradition as well as the other religions that we study. These outcomes are important as we educate our students to be leaders in a diverse and pluralistic world.

TH111 (Required Freshman Religion)

Hebrew Scriptures: CP1 Level

This semester-long course focuses on the sacred scriptures of Judaism, one of the world's earliest religions. The students are introduced to the Tanakh which includes the Torah as well as the sacred books containing the Writings and the Prophets. The students will explore the Hebrew Scriptures' account of how the ancient people known as the Israelites became aware of a personal God who is not separate from history, but rather, is directly involved in the everyday experiences of life. As students examine the Hebrew Scriptures, they will come to see in the stories of the people of Israel, many of their own questions, joys and difficulties. Consequently, they develop a greater awareness and appreciation of their own journeys to understand themselves, each other and God.

TH201 (Required Sophomore Religion)

Christian Scriptures: CP1 Level

This one semester course will focus on the teachings of Jesus as they are expressed in the books of the New Testament Christian Scriptures. Students will examine the historical, cultural, geographical, and political settings of the Palestine at the time of Jesus. They will learn basic skills in scriptural reading and interpretation. In this course, students will survey the major characters in the Christian Scriptures with an emphasis on women and their role in receiving and passing on the gospel message. As students explore the teachings of Jesus they will grow in understanding how these teachings have influenced the culture and morality of modern society and how they might apply to their own lives today.

TH211 (Required Sophomore Religion)

Catholicism: CP1 Level

In this one semester course, students are invited to deepen their understanding of Jesus Christ as they encounter him in the world and in the living Body of Christ, the Church. During this course, students will grow in recognizing Christ's presence and activity in the Church and in the world. They will learn about the historical and scriptural context of the foundation of the Church as well as its visible, vibrant mission and defining characteristics; one, holy, catholic and apostolic. This course will also include a survey of art, film, music and literature enabling students to explore various cultural expressions of Catholic themes and make meaningful connections with these themes which may be embodied in one's personal values and/or faith tradition.

TH311 (Required Junior/Senior Religion)

Christian Ethics: CP1 Level

This one semester course gives students the opportunity to explore and evaluate both secular and Christian ethical philosophies. After surveying a variety of pre-Christian and non-Christian ethical approaches, the students are challenged to consider the difference Christianity might make to one's moral life. This course promotes critical thinking and active discussion, making use of the Socratic Method. Contemporary moral issues and the diverse challenges faced by young people in modern society will form the basis of class research and discussions.

TH401 (Junior/Senior Elective)

Social Justice: CP1 Level

This course is designed to help students find their place in contemporary society as they advocate for charity and justice in the world. Students will be called upon to identify and explore the many injustices in our contemporary society. They will also discover how, in the light of faith and tradition, they might respond to these injustices. As the seven themes of Catholic Social Teaching (CST) are explored in-depth, students will be called upon to learn (see); research, analyze, and discuss (judge); and determine what they can do about it (act). Several topics of concern will be considered within each principle of CST, pushing students to conduct independent research.

TH451 (Junior/Senior Elective)

Discovering Women of Faith: CP1 Level

The Book of Wisdom states, "Through every generation, she passes into holy souls and makes them friends of God, and prophets" -Wisdom 7:27. This one semester course focuses on the enriching stories of women of faith from many countries, faith backgrounds and time periods throughout history. These women's friendships with God are diverse and their lives serve as excellent role models for young women of today. The students are challenged to explore and reflect upon their own, evolving relationship with God and the meaning of that relationship with respect to their personal vocation and life choices.

TH461 (Junior/Senior Elective)

Spirituality & Ministry: CP1 Level

This one semester course explores the meaning of spirituality and ministry and how the two intersect. Students will be challenged to reflect upon their own spirituality and how they live that out in the world through ministry. Two foci include planning and implementing a prayer experience for their class retreat and creating and leading a mini prayer service. A personal sketchbook will serve as a way for the class to display their individual reflections, notes, and projects. Self-reflection, open sharing and listening, and a commitment to growing in leadership comprise the main objectives of this course.



WOODLANDS ACADEMY
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WOODLANDS ACADEMY

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2024-2025 COURSE OFFERINGS

	<u>English</u>	<u>Fine Arts</u>	<u>International Languages</u>	<u>Mathematics & Computer Science</u>	<u>Science</u>	<u>Social Studies</u>	<u>Theology</u>
Classes	EN100,101	AF101	FC101**,200**,300**	MA101	SC100,101	SS101,105	TH101* / TH111**
	EN200,201	AA101* / AA111**	FC400**,405**	MA200,201,202	SC200,201,205	SS201,205	TH201* / TH211**
	EN301	AA201* / AA211**	FF101,200,201	MA300,301,302	SC300,301,305	SS301,305	TH311**
	EN305	AC101* / AC111**	FF300,301	MA401	SC440	SS405	TH401*
	EN401	AC201* / AC211**	FF400,401	MA235	SC451	SS415	TH461*
	EN405	AA231	FF405	MA305	SC470	SS450	
^ Period 0	EN420	AA300	FL101,200,201	MA355	SC480	SS500++	
* Semester 1		AM211,221	FL300,301	MA405	SC460++	SS520++	
** Semester 2		AM405	FL400,405	MA505**	SC505++	SS605++	Physical Education
		AO101^	FS101,200,201	MA335++	SC530++	SS625++	PW121
		AP101,201	FS300,301	MA340++	SC540++	SS635++	PW301
++ One Schoolhouse (additional \$1880 fee)		AA405,415,425	FS400,401,505	MA510++	SC590++		PW311
		AA605++	FS525++		SC635++		
Sophomore Electives	Orchestra^		Junior Electives	Orchestra^		Senior Electives	Orchestra^
	Art			Art			Art
	Ceramics			Ceramics			Ceramics
	Motion Arts Studio			Motion Arts Studio			Motion Arts Studio
	Advanced Studio Art			Advanced Studio Art			Advanced Studio Art
	AP Music Theory			AP Music Theory			AP Music Theory
	Piano I			Piano I			Piano I
	Photography			Photography			Photography
	AP Art			AP Art			AP Art
	AP Art History ++			AP Art History ++			AP Art History ++
	Speech & Debate H			Speech & Debate H			Speech & Debate H
	Data Science H ++			Fit For Life			Fit For Life
	AP Statistics			Outdoor Education			Outdoor Education
	AP Comp Sci Principles			Data Science H ++			Data Science H ++
	Engineering I/II H			AP Statistics			AP Statistics
	Robotics			AP Comp Sci Principles			AP Comp Sci Principles
	Forensic Science H ++			AP Computer Science A ++			AP Computer Science A ++
	Global Health H ++			AP Bio/Chem/Physics/Enviro			AP Bio/Chem/Physics/Enviro
	Marine Science H ++			Engineering I/II H			Anatomy & Physiology H
^ Period 0	Neuroscience H ++			Robotics			Astronomy H
* Semester 1	AP Psychology			Forensic Science H ++			Engineering I/II H
** Semester 2	AP Microeconomics ++			Global Health H ++			Robotics
	AP Macroeconomics ++			Marine Science H ++			Forensic Science H ++
	AP Human Geography ++			Neuroscience H ++			Global Health H ++
++ One Schoolhouse (additional \$1880 fee)	AP US Government			Business & Economics H++			Marine Science H ++
	Spirituality & Ministry*			Entrepreneurship & Innovation H++			Neuroscience H ++
	Study Hall/Free Period			Global Issues & Modern Media H			Business & Economics H++
				AP Psychology			Entrepreneurship & Innovation H++
				AP Microeconomics ++			Global Issues & Modern Media H
				AP Macroeconomics ++			AP Psychology
				AP Human Geography ++			AP Microeconomics ++
				AP US Government			AP Macroeconomics ++
				Spirituality & Ministry*			AP Human Geography ++
				Study Hall/Free Period			AP US Government
							Spirituality & Ministry*
							Study Hall/Free Period
Offerings subject to change. Courses must meet minimum enrollment.							
Additional \$1880 fee required for One Schoolhouse++ classes.							

AA101 Art I CP1		MA305 AP Statistics
AA111 Art I CP1		MA355 AP PreCalculus
AA201 Art II CP1		MA401 PreCalculus CP1
AA211 Art II CP1		MA405 AP Calculus AB
AA231 Motion Arts Studio CP1		MA505 AP Calculus BC
AA300 Advanced Studio Art Honors		PH121 Health - 9th Grade
AA405 AP Art - 2D		PH221 Health - 10th Grade
AA415 AP Art - 3D		PH321 Health - 11th Grade
AA425 AP Art - Drawing		PH421 Health - 12th Grade
AC101 Ceramics I CP1		PW121 Physical Wellness
AC111 Ceramics I CP1		PW301 Fit For Life
AC201 Ceramics II CP1		PW311 Outdoor Education
AC211 Ceramics II CP1		SC100 Physics I Honors
AF101 Freshman Fine Arts CP1		SC101 Physics I CP1
AM211 Piano I CP1		SC200 Chemistry Honors
AM221 Piano II CP1		SC201 Chemistry CP1
AM405 AP Music Theory		SC205 AP Chemistry
AO101 Symphony Orchestra CP1		SC300 Biology Honors
AP101 Photography I CP1		SC301 Biology CP1
AP201 Photography II CP1		SC305 AP Biology
CS311 Junior College Skills		SC405 AP Physics I
CS411 Senior College Skills		SC440 Principles of Engineering Honors
EN100 Literature & Composition Honors		SC451 Robotics CP1
EN101 Literature & Composition CP1		SC470 Anatomy & Physiology Honors
EN200 World Literature Honors		SC480 Astronomy Honors
EN201 World Literature CP1		SS101 World History CP1
EN301 American Studies: Literature CP1		SS105 AP World History - Modern
EN305 AP English Language		SS201 Modern European History CP1
EN401 Rhetoric & Creative Writing CP1		SS205 AP European History
EN405 AP English Literature		SS301 American Studies: US History CP1
EN420 Speech & Debate Honors		SS305 AP US History
FF101 French I CP1		SS405 AP Psychology
FF200 French II Honors		SS415 AP US Government
FF201 French II CP1		SS450 Global Issues & Modern Media Honors
FF300 French III Honors		TH101 World Religions CP1
FF301 French III CP1		TH111 Hebrew Scriptures CP1
FF400 French IV Honors		TH201 Christian Scriptures CP1
FF401 French IV CP1		TH211 Catholicism CP1
FF405 AP French Language		TH311 Ethics CP1
FL101 Latin I CP1		TH401 Social Justice CP1
FL200 Latin II Honors		TH461 Spirituality & Ministry
FL201 Latin II CP1	One Schoolhouse:	AA605 AP Art History - OSH
FL300 Latin III Honors		FC101 Chinese I - OSH
FL301 Latin III CP1		FC200 Chinese II Honors - OSH
FL400 Latin IV Honors		FC300 Chinese III Honors - OSH
FL405 AP Latin		FC400 Chinese IV Honors - OSH
FS101 Spanish I CP1		FC405 AP Chinese - OSH
FS200 Spanish II Honors		FS525 AP Spanish Literature - OSH
FS201 Spanish II CP1		MA335 AP Computer Science A - OSH
FS300 Spanish III Honors		MA340 Data Science Honors - OSH
FS301 Spanish III CP1		MA510 Multivariable Calculus Honors - OSH
FS400 Spanish IV Honors		MA520 Linear Algebra Honors - OSH
FS401 Spanish IV CP1		SC460 Global Health Honors - OSH
FS505 AP Spanish Language		SC505 AP Physics I - OSH
LP121 Learning Program		SC530 Neuroscience Honors - OSH
MA101 Algebra I CP1		SC540 Marine Science Honors - OSH
MA200 Geometry Honors		SC590 Forensic Science Honors - OSH
MA201 Geometry CP1		SC635 AP Environmental Science - OSH
MA202 Geometry CP2		SS500 Business & Economics Honors - OSH
MA235 AP Computer Science Principles		SS520 Entrepreneurship & Innovation H - OSH
MA300 Algebra II Honors		SS605 AP Microeconomics - OSH
MA301 Algebra II CP1		SS625 AP Macroeconomics - OSH
MA302 Algebra II CP2		SS635 AP Human Geography - OSH



WOODLANDS ACADEMY
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2024-2025 Academic Curriculum

Department	9 th Grade	10 th Grade	11 th Grade	12 th Grade
English	Literature & Composition CP1 Literature & Composition Honors	World Literature CP1 World Literature Honors Speech & Debate Honors	Power of Language American Studies: Literature AP English Language Speech & Debate Honors	Power of Language Rhetoric & Creative Writing AP English Literature Speech & Debate Honors
Fine Arts	Orchestra Freshman Fine Arts	Orchestra Art I Ceramics I Chorus Honors Motion Studio Arts Photography I Piano I AP Music Theory	Orchestra Art I, II Advanced Studio Art Hnrs Ceramics I, II Chorus Honors Motion Studio Arts Photography I, II Piano I AP Art 2D AP Art Drawing AP Art History AP Music Theory	Orchestra Art I, II Advanced Studio Art Hnrs Ceramics I, II Chorus Honors Motion Studio Arts Photography I, II Piano I AP Art 2D AP Art Drawing AP Art History AP Music Theory
International Languages	ESL I, II, III Chinese I, II, III, IV French I, II, III, IV Latin I, II, III, IV Spanish I, II, III, IV	ESL I, II, III Chinese I, II, III, IV, AP French I, II, III, IV AP French Language Latin I, II, III, IV AP Latin Spanish I, II, III, IV AP Spanish Language	ESL I, II, III Chinese I, II, III, IV, AP French I, II, III, IV AP French Language Latin I, II, III, IV AP Latin Spanish I, II, III, IV AP Spanish Language	ESL I, II, III Chinese I, II, III, IV, AP French I, II, III, IV AP French Language Latin I, II, III, IV AP Latin Spanish I, II, III, IV AP Spanish Language
Mathematics & Computer Science	Algebra I CP2 Algebra I CP1 Geometry Honors Algebra II Trig Honors	Geometry CP2 Geometry CP1 Algebra II Trig Honors AP Pre-Calculus AP Computer Science Principles	Algebra II CP2 Algebra II CP1 AP Pre-Calculus AP Statistics AP Calculus AB AP Computer Science A AP Computer Science Principles	College Algebra CP1 Pre-Calculus CP1 AP Statistics AP Calculus AB AP Calculus BC AP Computer Science A AP Computer Science Principles Multivariable Calculus
Physical Wellness	PE & Health	PE & Health	Fit For Life Outdoor Education Health Junior College Skills	Fit For Life Outdoor Education Health Senior College Skills
Science	Physics CP1 Physics Honors	Physics CP1 Chemistry CP1 Chemistry Honors	Chemistry CP1 AP Chemistry Biology CP1 Biology Honors Engineering I/II Honors Robotics	Biology CP1 AP Biology AP Chemistry AP Physics Astronomy Honors Anatomy & Physiology H Engineering I/II Honors Robotics
Social Studies	World History CP1 AP World History - Modern	Modern European History CP1 AP European History AP US Government	American Studies: History CP1 AP US History AP US Government	AP Microeconomics AP Macroeconomics AP Psychology AP Human Geography AP US Government Business & Economics Global Issues & Modern Media
Theology	World Religions Hebrew Scriptures	Christian Scriptures Catholicism	Christian Ethics Social Justice Women of Faith Spirituality & Ministry	Christian Ethics Social Justice Women of Faith Spirituality & Ministry

Offerings subject to change / Listing includes One Schoolhouse classes.