



URSULINE

Voice. Values. Vision.

Curriculum Guide 2022



Mission Statement

In the Catholic tradition of Ursuline education, the mission of Ursuline Academy is to prepare the young woman for college and beyond by nurturing her soul, intellect, heart, and imagination.

Philosophy

In the vision of St. Angela Merici, Ursuline empowers the young woman to recognize her unique gifts, to give voice to her ideals, to strive for personal and academic excellence, to seek justice through actions inspired by Gospel values, and to accept the challenge of human freedom with its accompanying responsibilities. Ursuline welcomes diversity and fosters community in an atmosphere of mutual respect.

The Core Values

Ursuline Academy centers its policies, procedures and practices in the Ursuline core values of:

VOICE: United in Respect and Openness

VALUES: Committed to Excellence, Service and Spirituality

VISION: Empowered by our Ursuline Legacy

Our Community

Ursuline Academy fosters community and an atmosphere of mutual respect by enhancing understanding and cooperation among all Ursuline students regarding different cultures, ethnicities, learning styles, opinions, religious traditions, sexual orientation and socio-economic backgrounds. It is our belief that diversity brings richness and meaning to life, and that exposure to a broad range of talents, perspectives and experiences better prepares the young women of Ursuline Academy for full participation in our school, local, and global communities.



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DESIGNING YOUR COURSE OF STUDY

COURSE OFFERINGS

Over 100 courses are described in this guide. Courses are subject to cancellation based on insufficient student numbers, scheduling conflicts, or changes in staffing.

LEVELS OF DIFFICULTY

Some courses are organized at varying levels of difficulty while in other courses students are grouped heterogeneously. Since the interests and talents of students vary according to the subject, level placement for students will be made in individual courses.

HONORS LEVEL

Courses at the Honors level may cover additional content and/or explore content in greater depth. Students may also be required to do additional reading and independent work. **These courses typically move at a faster pace and are recommended for students who are self-directed, well organized, and able to move through material more quickly.** Assessment focuses more heavily on synthesis and application than memorization and recall.

ADVANCED PLACEMENT

All Advanced Placement Courses offered at Ursuline Academy have been approved by the College Board. These rigorous courses, intensive and accelerated, are the equivalent of college work, and successful completion of these courses may result in college credit. (Many universities grant credit to students scoring 3 or above on the AP exams.) **Students are to plan carefully the number of AP courses selected and to consider other activities in which they are involved when making their course selection.** Students are not required to take the AP exam administered in May, but they are strongly encouraged to do so. Advanced Placement courses are offered in the following areas: Art, Biology, Calculus, Chemistry, Computer Science Principles, Economics, English Literature and Composition, English Language and Composition, Environmental Science, French, Government, Human Geography, Latin, Physics, Psychology, Spanish, Statistics, United States History, World History.

EARLY BIRD CLASSES

These are classes offered before the official school day begins. Early bird classes are 7:10 - 7:50 A.M. every school day, unless otherwise noted. Early bird classes are scheduled to meet overall scheduling needs, not the requests of individual students.

EVENING/AFTER SCHOOL CLASSES

Classes that meet one time a week in the evening or after school require a serious commitment to attendance. These classes are scheduled to meet overall scheduling needs, not the requests of individual students. Because each class is the equivalent of one week of school, credit may not be granted if students miss more than 3 classes.

SUMMER COURSES

Ursuline offers several summer courses to provide an opportunity to advance a sequence or to provide enrichment opportunities. As with any course selections, students should discuss summer course selections with their counselor. Applications are available on the Ursuline Academy website and in the Counseling Department.

Students who wish to pursue summer courses outside Ursuline should apply through the Credit Flexibility process. Forms for this purpose are available on the website and in the Counseling Department. (See page 5 for more information about Credit Flex.)

FRESHMAN PLACEMENT

Incoming freshmen will be placed in courses based on the results of the High School Placement Test and/or results of Ursuline placement tests, e.g. math, science, and world languages. Level changes will be considered during the 1st quarter. All other schedule changes must be made prior to June 17, 2022. Freshman counselors will monitor the student's placement as the school year begins.



COURSE LOAD

All students are required to carry 6 credits per year in addition to physical education and counseling requirements.

CREDITS REQUIRED FOR GRADUATION

Outlined below are the minimum requirements for a diploma. These are defined in terms of “credits” earned.

The number of credits required for graduation is 24 ½*:

Counseling	3/8 credit
English	4 credits
Fine Arts.....	1 credit
Health.....	1/2 credit
Mathematics	4 credits
Physical Education.....	1/2 credit
Religious Studies	4 credits
Science	3 credits
Social Studies.....	3 1/2 credits *
World Languages	2 credits

Students are encouraged to enrich their education by enrolling in courses of interest. Additional world language and science courses are strongly encouraged, depending upon the intended major and/or the colleges of interest. Students’ counselors can assist them in making these decisions.

*Starting with the **Class of 2025**, students will be required to have 24 ½ credits, which reflects the addition of Social Studies at 9th grade (Foundations in History and Geography).

Classes of 2023 and 2024 will be required to have 24 credits.

GRADE LEVEL REQUIREMENTS

<u>Department</u>	<u>Course</u>	<u>Grade Level</u>	<u>Credit</u>
Counseling	Freshmen Counseling	9	1/8
	Sophomore Counseling	10	1/8
	College Planning	11	1/8
English	English I	9	1
	English II	10	1
	English III	11	1
	English IV	12	1
Fine Arts	Art/Music	9, 10, 11, 12	1
Health	Health	9	1/2
Mathematics	Algebra I	9	1
	Geometry	9, 10	1
	Algebra II	9, 10, 11	1
	Precalculus	10, 11, 12	1
	Elective	11, 12	1
Physical Education	PE I	9	1/4
	PE II	10, 11, 12	1/4
Religious Studies	Christian Awareness	9	1
	Scripture	10	1
	Christian Morality	11	1/2
	Church Issues	11, 12	1/2
	Electives	11, 12	1
Science	Biology	9	1
	Chemistry	10	1
	Elective	10, 11, 12	1
Social Studies	Foundations in History and Geography	9	1/2
	World History	10	1
	U.S. History	11	1
	American Government	12	1/2
	Economics	11, 12	1/2
World Languages		9, 10, 11, 12	2

AUDITING COURSES

Any student is permitted to audit any course for which they are not scheduled as long as class space is available. Requests must be made through the counselor, and approved by the instructor and the Assistant Principal of Curriculum and Learning. No credit will be granted for audited courses. Audited courses do not count toward the number of required courses for a semester.

PASS/FAIL

If students are carrying five graded credits, they may choose to take one elective credit on a pass/fail basis. This option does not apply to world languages, required courses, or AP courses.

All pass/fail decisions must be made by the end of the fifth week of a course and must have parental approval. Forms for this purpose are available in the Counseling Department. Once this decision has been made, it may not be reversed.

INDEPENDENT STUDY

Requests to take a course as an independent study will be evaluated on an individual basis. Requests should be made through the student's counselor and require approval of the teacher and administration.

CREDIT FLEXIBILITY

Students at Ursuline Academy may participate in the Ohio Plan for Credit Flexibility. This option gives students the opportunity to pursue interests or needs through personally designed programs or courses offered outside Ursuline. However, to maintain the integrity of the Ursuline curriculum and the mission of the school, students will be required to enroll in required 6 courses each semester, 5 of which must be taken at Ursuline Academy.

Applications for Credit Flexibility will be accepted **during the course selection process only**. Applications are available on the web site or from a student's counselor. The Assistant Principal and a committee will review the application and accept or deny the application.

Students who apply for and are accepted to participate in Summer Credit Flexibility must adhere to the deadline agreed to in the application. Course work under Summer Credit Flex is applied to the academic year of the application (i.e., if the application is submitted and accepted in 2021-2022, the transcript will reflect the work as completed in 2021-2022). Therefore, if students do not complete this work by the agreed upon deadline (typically before the start of the next academic year), they are considered academically delinquent and would be subject to any or all of the following consequences: withholding of the semester schedule; restricted access to official transcripts; suspended involvement in student activities, including athletics, organizations, and academics. Credit Flex course work is typically completed during the summer and transcripts provided to the school in August.

Credit Flex during the school year is addressed on a case by case basis.

Students who choose to exercise the Credit Flexibility option and take required courses without

department recommendation assume responsibility for any gaps in the foundational knowledge necessary for upper-level courses and may be required to demonstrate mastery before being admitted to a higher level course.

SCHEDULE CHANGE POLICY

The course selection process at Ursuline has been carefully designed to provide students with a significant period of time and varied opportunities to learn about their course options for the upcoming year. These opportunities include the information outlined in this *Curriculum Guide*; Course Options Day, where students have the opportunity to learn directly from the teachers what expectations for different courses are; and information disseminated in counseling groups. Students are also encouraged to seek the advice of their teachers, counselors, and parents prior to making their selections. At every point in the process, students are encouraged to choose wisely based on their aptitude, ability, and commitment to other activities.

As an institution, Ursuline Academy is committed to providing students with the best classroom experience possible. The courses offered, particularly the elective courses, are determined by student interest. The information obtained from the course selection process, namely, the number of students enrolled in each course, is used to determine staffing needs and the number of sections offered in each course, both of which serve to maintain low student to faculty ratio.

Ursuline's schedule change policy reflects both of these realities, while providing students with some flexibility to make necessary changes. After a student has submitted her course selection form to her counselor, she is permitted to make changes to her selections until **June 17, 2022**. This allows students a final opportunity to review their report card and courses scheduled (which will be included with the final report card) for the following year. Counselors will be available in the weeks following the end of the school year in order to facilitate any changes made prior to the deadline. Students will be required to complete a schedule change form, including parent signature, along with the \$200 fee before changes are processed. This schedule change fee applies to changes in a Credit Flexibility request.

After the June 17, 2022 deadline, all change requests will be directed to the Assistant Principal for Curriculum and Learning, who will review them, taking into consideration the student to faculty ratio, master schedule adjustments, and graduation requirements. Reviews may include a meeting with families and counselors so the Assistant Principal can make an informed decision which is of benefit to all.



The Counseling Department strives to support students within the context of Ursuline core values and philosophy: attention to the needs of the individual; emphasis on the development of the student as a whole person; openness to diversity; recognition of the gifts and dignity of every student; promotion of academic excellence; and empowerment of the student.

The Counseling Department provides: individual counseling; classes; standardized testing information, registration, and interpretation; and college readiness tools. The department works with students on academic, behavioral, social, and emotional concerns. A key component of the program is ongoing collaboration with students, faculty, and parents.

All courses in this section satisfy the Counseling graduation credit requirement.

COURSE: FRESHMAN COUNSELING, 1/8 credit, full year, Pass/Fail

PREREQUISITES: None

Open to grade 9

DESCRIPTION: Students are introduced in the first semester to a variety of supports and resources that they can access as they transition from grade school to high school. Topics such as self-care, time management, stress management, organizational skill and study strategies are explored. The second semester focuses on course selection, creating a four year plan, and building a high school resume. A variety of other topics are discussed as dictated by student need.

COURSE: SOPHOMORE COUNSELING, 1/8 credit, full year, Pass/Fail

PREREQUISITES: Freshman Counseling

Open to grade 10

DESCRIPTION: In sophomore counseling, students continue to build their time management and organizational skills to be successful in high school. In addition, the focus of sophomore counseling is on career exploration and awareness. Students complete the Youscience career aptitude and interest profiler to build self-awareness around their natural strengths and interests and how to leverage these in a potential career. Students also learn about developing a well-balanced approach to academic and extracurricular commitments through various class activities and during the course selection process in the second semester.

COURSE: COLLEGE PLANNING, 1/8 credit, full year, Pass/Fail

PREREQUISITES: Sophomore Counseling

Open to grade 11

DESCRIPTION: Students familiarize themselves with the entire college planning process including the following: college selection criteria, choosing a college major as it relates to career planning, college visits, ACT/SAT, college admissions process, financial aid and scholarships, individual conferences with college counselors, and other related topics.



The English department is dedicated to fostering the understanding, appreciation, and creative expression of thought and meaning through the use of language in its core curriculum and electives. English courses combine a survey of various literature selections with the study of critical reading, new vocabulary, writing strategies, research skills, grammar usage, and public speaking. Overall, the curriculum is writing intensive. As students advance through the grade levels, texts and writing assignments become more complex, and language lessons are sequentially introduced and reinforced to support this complexity. This curriculum provides students with confidence, practice, and mastery in the language arts.

All courses in this section satisfy the English graduation credit requirement.

COURSE: **ENGLISH I**, 1 credit, full year

PREREQUISITES: Placement made by test score

Open to grade 9

DESCRIPTION: This course works to introduce and/or refresh the foundational skills necessary for success in high school English. The literature portion of this course includes the critical reading and analysis of a survey of fiction, non-fiction, drama, and poetry across historical periods and cultures. Vocabulary is expanded through the study of literature and other vocabulary exercises. Writing instruction details the writing process through the crafting of several texts emphasizing paragraphs, essays, creative writing, introductory research reports, and timed writing. Opportunities are given to study the grammatical foundation of the English language, and students are introduced to the use of the Writing Center. Public speaking is developed through formal and informal presentations.

COURSE: **ENGLISH I HONORS**, 1 credit, full year, honors

PREREQUISITES: Placement made by test score

Open to grade 9

DESCRIPTION: This course is offered as an alternative to English I. A higher proportion of assessment in this course focuses on the synthesis and application of course materials. The assigned texts in the Honors course will be more challenging and examined at a faster pace than English I.

COURSE: **ENGLISH II**, 1 credit, full year

PREREQUISITES: English I

Open to grade 10

DESCRIPTION: Like English I, the literature portion of English II includes the critical reading and analysis of a survey of fiction, non-fiction, drama, and poetry across historical periods and cultures. Vocabulary is further expanded through the study of literature and other exercises. Writing instruction expands the crafting of several texts emphasizing explanatory, persuasive and research essays, creative writing, and timed writing. Opportunities are given to study the grammatical foundation of the English language and continued use of the Writing Center. Public speaking is developed through formal and informal presentations.

COURSE: **ENGLISH II HONORS**, 1 credit, full year, honors

PREREQUISITES: English I

Open to grade 10

DESCRIPTION: This course is offered as an alternative to English II. A higher proportion of assessment in this course focuses on the synthesis and application of course materials. The assigned texts in the Honors course will be more challenging and examined at a faster pace than English II.

COURSE: **ENGLISH III**, 1 credit, full year

PREREQUISITES: English II

Open to grade 11

DESCRIPTION: The literature portion of this course includes the critical reading and analysis of a survey of American literature. The poetry, short stories, nonfiction texts, novels, and plays that are studied highlight a particular literary style or time period. Vocabulary is further expanded through the study of literature and other exercises. Writing instruction expands the crafting of several texts including the personal, analytical, and persuasive essays. Emphasis is placed on the writing of a research paper that analyzes a work of American literature. Continued opportunities are given to study the grammatical foundation of the English language. Public speaking skills are further developed through formal and informal presentations.

COURSE: **ENGLISH III HONORS**, 1 credit, full year, honors

PREREQUISITES: English II

Open to grade 11

DESCRIPTION: This course is offered as an alternative to English III. A higher proportion of assessment in this course focuses on the synthesis and application of course materials. The

assigned texts in the Honors course will be more challenging and examined at a faster pace than English III.

COURSE: AMERICAN STUDIES, 2 credits, full year, English honors and Social Studies honors.

PREREQUISITE: English II, World History or AP World History

REQUIREMENTS: Application. Enrollment limited to 28 students.

Open to grade 11

DESCRIPTION: This course is an interdisciplinary course, in which students explore history and literature to better understand America's culture and identity. Using an inquiry-based methodology, the course will study interdisciplinary artifacts (novels, primary sources, films, documentaries, poems, short stories, art work, images, music and others) to better understand large questions about what it means to be an American. Students will engage in close reading, critical thinking, personal reflection, and oral presentation both individually and collaboratively. This course satisfies the requirement for English III and US History.

COURSE: ADVANCED PLACEMENT ENGLISH LANGUAGE AND COMPOSITION, 1 credit, full year, honors

PREREQUISITES: English II

Open to grade 11

DESCRIPTION: This course aligns to an introductory college level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines. Overall, the texts will represent a time span from American beginnings through contemporary literature and foundational U.S. documents of historical significance. This course satisfies the requirement for English III.

COURSE: ENGLISH IV, 1 credit, full year

PREREQUISITES: English III

Open to grade 12

DESCRIPTION: The literature portion of this course includes the critical reading and analysis of a survey of British and world literature. The poetry, short stories, nonfiction texts, novels, and plays that are studied highlight a particular literary style or time period. Vocabulary is further expanded through the study of literature and other exercises. Writing instruction expands the crafting of several texts including personal, analytical, and persuasive essays. Emphasis is placed

on the writing of research papers that analyze works of British and world literature. Continued opportunities are given to study the grammatical foundation of the English language. Public speaking skills are further developed through formal and informal presentations.

Course: **ENGLISH IV HONORS**, 1 credit, full year, honors

PREREQUISITES: English III

Open to grade 12

DESCRIPTION: This course is offered as an alternative to English IV. A higher proportion of assessment in this course focuses on the synthesis and application of course materials. The course moves at a faster pace and covers more material at more theoretical level than occurs in English IV. English IV Honors requires greater independence in reading, analysis of, and writing about literature.

COURSE: **ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION**, 1 credit, full year, honors

PREREQUISITES: English III

Open to Grade 12.

DESCRIPTION: This course aligns to an introductory college level literary analysis course, which requires students to read and discuss high quality works of literature and then compose analytical essays in response. Students read and discuss texts from all literary genres from both British and American writers from the sixteenth century to contemporary times. Besides reading and discussing the selected texts in a sophisticated way, students construct essays that argue self-formulated analyses of how the smaller-scale literary techniques of an author impact larger thematic questions and meanings. A baseline compositional ability is assumed so that attention is given to writing about literary texts at a more advanced level, which includes engaging with contradiction, irony, and paradox. By the end of the course, students are able to approach any poem, prose work, or play and respond to it analytically and critically, both orally and in writing. This course satisfies the requirement for English IV.



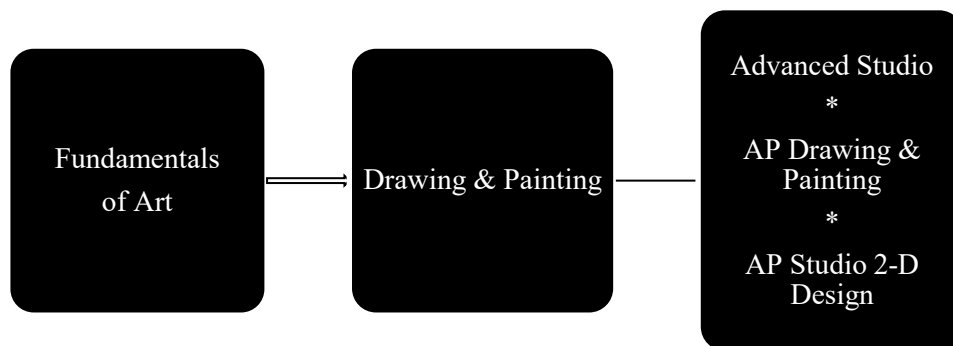
FINE ARTS ELECTIVES

VISUAL ARTS

The Art Department nurtures a passion for creative engagement and new discoveries, preparing students to thoughtfully respond to and participate in their world. A sequential curriculum guides the development of each student's perceptual, technical, and expressive abilities. Courses present creative opportunities that foster the ability to think both analytically and critically. Visual principles are taught using a wide range of materials and visual formats.

All courses in this section satisfy the Fine Arts graduation credit requirement.

The following diagram illustrates the course sequence options necessary to take an AP art course.



COURSE: FUNDAMENTALS OF ART, ½ credit, semester

PREREQUISITES: None

Open to grades 9, 10, 11, 12

DESCRIPTION: This is the prerequisite course for all visual art classes. This foundational course provides students with a sampling of many art materials and visual concepts as an introduction to the discipline. Topics and skills covered include: 2-D design, contour drawing, tonal shading, painting with acrylics, perspective, and sculpting with clay. This course prepares students with the necessary vocabulary and experiences to succeed in other art courses.

COURSE: **DESIGN**, ½ credit, semester, 1st semester only

PREREQUISITES: Fundamentals of Art

Open to grades 10, 11, 12

DESCRIPTION: This course teaches students to apply their knowledge and practice of “good design” to various real-world problems for fictional clients. Working according to the principles of design and elements of art, students will use a variety of materials and touch on concepts and skills that are applicable to interior design, graphic design, fashion design, industrial design, and beyond.

COURSE: **DRAWING AND PAINTING**, ½ credit, 1st semester only

PREREQUISITES: Fundamentals of Art

Open to grades 10, 11, 12

DESCRIPTION: In this course students will take a more in-depth look at what makes a strong composition while working with various drawing and painting techniques and materials. Students have more freedom in choosing images and experimenting with how to use the materials. This course is a prerequisite for Advanced Studio and AP Studio.

COURSE: **ENAMELING**, ½ credit, 1st semester only

PREREQUISITES: Fundamentals of Art

Open to grades 10, 11, 12

DESCRIPTION: Enameling consists of fusing glass to copper by firing in a kiln. Students will learn to apply and control these elements in the creation of enameled pieces using sgraffito, stencil, cloisonné, and wet packing techniques. Color and composition studies will be integrated into the course serving as the design foundation for enameling projects.

COURSE: **HAND-BUILDING IN CLAY**, ½ credit, 2nd semester only

PREREQUISITES: Fundamentals of Art

Open to grades 10, 11, 12

DESCRIPTION: This course will explore basic hand-building techniques in the medium of clay. Students will produce pinched, coiled, and slab-built ceramic forms. Students will also create both functional and sculptural projects and learn techniques of decoration such as stamps, sgraffito, and painting with glazes. Historical aspects of ceramics will be analyzed and used as sources of inspiration for personal projects.

COURSE: **ADVANCED HAND-BUILDING IN CLAY**, ½ credit, 2nd semester only, honors

PREREQUISITES: Fundamentals of Art and Hand-building in Clay

Open to grades 11, 12

DESCRIPTION: This course will build on the knowledge gained during Hand-building in Clay. Students will produce more sophisticated final forms as well as work with new materials and finishing techniques (such as over glaze, decals, and press-molds). Students will explore various aspects of working with clay professionally, as well as working on the pottery wheel.

COURSE: **ADVANCED STUDIO**, 1 credit, full year, honors, **may not be taken Pass/Fail**

DESCRIPTION: PREREQUISITES: Fundamentals of Art and Drawing and Painting

Open to grade 11, 12

DESCRIPTION: This course furthers a serious painting and drawing student through media exploration, thematic prompts, and an informed perspective gained through the study of historical and contemporary art. Students are encouraged to integrate previously learned techniques and form a personalized mode of expression. Students may also compile/begin a portfolio of their work for entrance into college art departments. Quality and individuality are stressed. Students who plan to take AP Studio senior year are encouraged to take Advanced Studio Junior year to begin their portfolio process.

COURSE: **ADVANCED PLACEMENT STUDIO: Drawing or 2-D DESIGN**, 1 credit, full year, honors

PREREQUISITES: Fundamentals of Art and Drawing and Painting

Open to grade 12

DESCRIPTION: The AP Drawing and AP 2D-Design courses are college level courses in the visual arts. Students will be expected to produce a minimum of 15 works of art in a variety of media, techniques and subject matter in compliance with the Advanced Placement Programs in art. Critical thinking, synthesis of prior knowledge, individuality, and dedication to the process of making art are emphasized in the development of each student's portfolio.

COURSE: **GRAPHIC DESIGN**, ½ credit, semester

PREREQUISITES: Fundamentals of Art

Open to grades 10, 11, 12

DESCRIPTION: This course explores visual arts concepts through computer-based graphics. Student will use Adobe software as an artistic tool as they delve into photo editing, logo design, illustration, animation, web design, layout, and more.

COURSE: **PHOTOGRAPHY**, ½ credit, semester

PREREQUISITES: Fundamentals of Art

Open to grades 10, 11, 12

DESCRIPTION: Students will explore the art of photography and self-expression through work with digital cameras and digital editing. Students will learn the importance of lighting, exposure, depth of field, perspective, and composition as well as how to manipulate images with post-production software such as Photoshop.

MUSIC

The Ursuline Academy Music Department provides an opportunity for artistic expression through vocal and instrumental ensembles. The goals of the department are to develop the talent of the individual student and to maintain a high standard of excellence for performance. The ensembles provide the Ursuline community seasonal concerts, musical leadership at Liturgies, and entertainment at special events.

All courses in this section satisfy the Fine Arts graduation credit requirement.

COURSE: **CHORUS**, 3/4 credit, full year, sections are offered either during the day or after school Mondays and Wednesdays 3:15-4:45 pm (May be taken for no credit with permission of instructor prior to course selection.)

Open to grades 9, 10, 11, 12

DESCRIPTION: This ensemble is open to all UA students who want to improve their singing. Together, students perform fun, challenging treble chorus music spanning a variety of time periods, languages, and genres. Students develop their sight-singing skills, good vocal technique, pitch recognition, ear training, and interpretive, expressive ensemble skills. **Participation at all dress rehearsals and performances is required.**

COURSE: **A CAPPELLA**, 1 credit, full year

PREREQUISITE: Audition

(May be taken for no credit with permission of instructor)

Open to grades 10, 11, 12

DESCRIPTION: The A Cappella choir is a highly select ensemble of singers that specialize in accompanied and unaccompanied vocal repertoire spanning all periods in music history. Members must demonstrate music-reading skills at an accelerated level as well as the ability to carry their own part individually. All performances and class meetings are required. A Cappella is the ensemble that most frequently represents Ursuline off campus for special functions.

COURSE: **SHOW CHOIR**, ½ credit, full year, meets Tuesdays and Thursdays, 3:15-4:15pm. (May be taken for no credit with permission of instructor)

PREREQUISITE: Audition

Open to grades 9, 10, 11, 12

DESCRIPTION: This highly specialized ensemble combines the love of singing with the joy of dance. Students learn a variety of pieces, from barbershop to classic show tunes. They then unite their vocals with complex and entertaining choreography. All performances and class meetings are required.

COURSE: ORCHESTRA, 3/4 credit, full year, sections are offered either during the day or as an Early Bird. (May be taken for no credit with permission of instructor)

PREREQUISITES: None

REQUIREMENT: Experience of at least two years on instrument

Open to grades 9, 10, 11, 12

DESCRIPTION: Orchestra is a class designed for strings, woodwind, brass, and percussion musicians who would like an opportunity in school to hone their craft on an instrument. This course focuses on improving individual skill on the instrument as well as ensemble playing and listening. A wide array of repertoire is covered, ranging from classical, folk, jazz, and choral works. Students must have at least two years' experience on their instrument. There are a limited number of auditioned keyboard spots in Orchestra. Auditions will be held to determine chair placement. This class meets during the school day or as an Early Bird.

COURSE: BEGINNING PIANO, ½ credit, full year

PREREQUISITES: None

Open to grades 9, 10, 11, 12

DESCRIPTION: A class designed to introduce students to basic music theory and the piano. Focus will be on reading music, understanding scales, and basic chords and rhythms. Piano techniques will include: finger placement and hand formation, one-hand melodies, two-hand melody with accompaniment, chord reading, and correct pedal use. The class will study music from Baroque, Classical, Romantic, and Neoclassical musical time periods as well as a history of the piano.

COURSE: INTERMEDIATE PIANO, ½ credit, full year

PREREQUISITES: Beginning Piano or Audition

Open to grades 10, 11, 12

DESCRIPTION: A class designed to advance a student's knowledge on music theory and the piano. Focus will be on reading music, learning scales, and basic chords and rhythms, and elementary transposition at sight. Piano techniques will include: finger placement and hand formation, one-hand melody, two-hand melody with accompaniment, chord reading, and correct pedal use. The class will study music from Baroque, Classical, Romantic, and Neoclassical musical time periods as well as some operas and musical theater. A brief history of the piano will also be discussed throughout the year.

COURSE: BEGINNING GUITAR, ½ credit, full year

PREREQUISITES: None

REQUIREMENT: Students must provide their own instrument (acoustic, steel-string)

Open to grades 9, 10, 11, 12

DESCRIPTION: A class designed to introduce students to basic music theory and the guitar. Focus will be on reading music, understanding scales, chords, rhythms and tablature. Beginning guitar techniques will include: guitar maintenance and tuning, basic chords, strumming and picking styles, finger picking basic melodies, and song accompanying. The class will study different playing styles, including folk, rock, blues, bluegrass, and country as well as the development of the guitar throughout music history.

COURSE: MUSIC MODS - 1/8 credit Pass/Fail or no credit; full year, two mods once a cycle to be scheduled individually with instructor

PREREQUISITES: None

REQUIREMENT: None

Open to grades 9, 10, 11, 12

DESCRIPTION: An opportunity for students to receive one-on-one individualized instruction on the voice or instrument of their choice, preparing them for possible college or scholarship auditions. Lessons will consist of basic and advanced techniques as well as an introduction to a wide range of repertoire. Students will participate in OMEA's Solo and Ensemble event in late winter. Students would also be encouraged to participate in other performance opportunities throughout the school year.

COURSE: MUSIC HISTORY, ½ credit, full year

PREREQUISITES: None

Open to grades 10,11,12

DESCRIPTION: This course will offer students a deeper understanding of the background and historical significance of music. It is designed to take students on a brief historical journey through a musical perspective. Focus for the course will be on music composition and the noteworthy composers of the Medieval, Renaissance, Baroque, and Classical eras. We will also cover the Romantic and 20th century periods, including the role of music during the Holocaust.

COURSE: MUSIC THEORY AND AURAL SKILLS, ½ credit, full year

PREREQUISITES: Instructor approval prior to course selection

Open to grades 10, 11, 12

DESCRIPTION: This course enhances students' understanding of musicianship and the theory and structure of music. Students learn the fundamentals of music theory, music analysis and history, aural skills through singing and playing instruments, and the basics of music composition.



HEALTH AND PHYSICAL EDUCATION

Good health promotes and embraces a balance of one's body, mind, and relationships with others. In health education, the ultimate goal is to help students develop and maintain healthy behaviors while avoiding and reducing health risks. The goal of physical education is to develop individuals who have the knowledge, skills, and confidence to enjoy a lifetime of healthful physical activity.

All courses in this section satisfy the Health & Physical Education graduation credit requirements.

COURSE: HEALTH, ½ credit, semester

PREREQUISITES: None

Open to grade 9

DESCRIPTION: This course addresses decision making, goal setting, and making healthy choices. Topics include: wellness nutrition, alcohol, opioids and other drugs, STD's, dating violence, depression and suicide prevention, organ donation, safe teen driving and concussions. Eligible students receive certification of completion from the American Red Cross in CPR, AED, and First Aid.

COURSE: PHYSICAL EDUCATION I, ¼ credit, semester

PREREQUISITES: None

Open to grade 9

DESCRIPTION: This course serves as an introduction to a variety of lifetime recreational activities, both individual and team activities. Students will be engaged in tennis, field hockey, bowling, indoor lacrosse, slowpitch softball, pickleball, ping pong, disc golf, traverse rock climbing wall, spinning bicycles as well as adventure curriculum for physical education activities and lifetime games and activities.

COURSE: PHYSICAL EDUCATION II, ¼ credit, semester, Early Bird and during the day

PREREQUISITES: PE I

Open to grades 10, 11, 12

DESCRIPTION: This course serves as an additional introduction to lifetime recreational activities. Students will participate in tennis, flag football, golf, archery, fitness, badminton, traverse rock-climbing wall, spinning bicycles as well as adventure curriculum for physical education and lifetime games and activities.

OFFERED AS EARLY BIRD CLASS beginning at 7:00 am. Limited enrollment. Students will be scheduled 3 days of a week/cycle TBD.

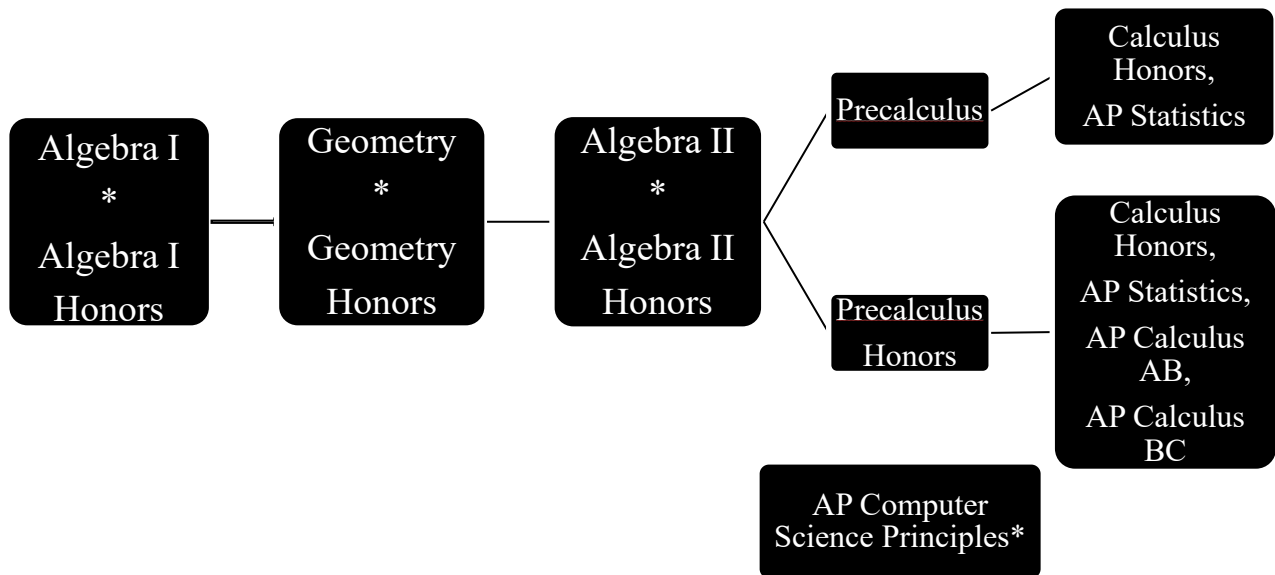


MATHEMATICS

The mathematics department at Ursuline Academy is committed to a core college preparatory curriculum that reflects the standards established by the National Council of Teachers of Mathematics. Students learn the value of mathematics and how to apply mathematical techniques confidently, skillfully, and accurately. Students are challenged to reason mathematically, to become effective critical thinkers, to communicate mathematically, and to become proficient users of technology. Students are encouraged to study mathematics appropriate to their abilities, interests, and ambitions.

All courses in this section satisfy the Mathematics graduation credit requirement.

The following diagram illustrates the course sequence options necessary to take an AP course.



***The AP Computer Science Principles Course prerequisite is Geometry.**

Geometry Honors and Algebra II Honors may be taken concurrently during sophomore year.

AP Statistics may be taken concurrently with Precalculus, Calculus Honors, and AP Calculus.

COURSE: ALGEBRA I, 1 credit, full year

PREREQUISITES: Placement made by entrance test score

Open to grade 9

DESCRIPTION: This course provides the essential foundation for the further study of mathematics. It includes a comprehensive study of linear equations and inequalities, linear systems, properties of exponents, and polynomials and their factors. Students will be introduced to the characteristics and transformations of quadratic functions. Students will create and analyze graphical displays of statistical data.

COURSE: ALGEBRA I HONORS, 1 credit, full year, honors

PREREQUISITES: Placement made by entrance test score

Open to grade 9

DESCRIPTION: This course is offered as an alternative to the required Algebra I and will explore content in greater depth. It is recommended to students who have shown superior interest and aptitude. Throughout the course, there is an emphasis on the synthesis and analysis of information.

COURSE: GEOMETRY, 1 credit, full year

PREREQUISITES: Algebra I

Open to grade 10

DESCRIPTION: This course is a comprehensive study of plane, solid, and coordinate geometry. Topics in this course include logic and proof, angle relationships, polygons, perimeter, area, and volume, similarity and congruence, right triangle trigonometry, and circle relationships.

COURSE: GEOMETRY HONORS, 1 credit, full year, honors

PREREQUISITES: Algebra I or passing the Ursuline Academy Algebra I Placement Test

Open to grades 9, 10

DESCRIPTION: This course is offered as an alternative to the required Geometry and will explore content in greater depth. It is recommended to students who have shown superior interest and aptitude. Throughout the course, there is an emphasis on the synthesis and analysis of information.

COURSE: ALGEBRA II, 1 credit, full year

PREREQUISITES: Geometry

Open to grade 11

DESCRIPTION: This course provides a comprehensive study of quadratic, polynomial, exponential, rational, irrational, trigonometric, exponential, and logarithmic functions. Other topics include systems of equations using matrices; higher order polynomials; probability/statistics; and sequences/series.

COURSE: ALGEBRA II HONORS, 1 credit, full year, honors

PREREQUISITES: Geometry, or passing the Ursuline Academy Algebra I and Geometry placement tests

Open to grades 9, 10, 11

DESCRIPTION: This course is offered as an alternative to the required Algebra II and will explore content in greater depth. It is recommended to students who have shown superior interest and aptitude. Throughout the course, there is an emphasis on the synthesis and analysis of information.

COURSE: PRECALCULUS, 1 credit, full year

PREREQUISITES: Algebra II

Open to grades 11, 12

DESCRIPTION: This course extends the study of Algebra II function types, offers a comprehensive study of conics, analytical trigonometry, vectors, polar coordinates, and uses sequences as an introduction to the concept of a limit. Students who complete this course will be prepared for a college level math course.

COURSE: PRECALCULUS HONORS, 1 credit, full year, honors

PREREQUISITES: Algebra II

Open to grades 10, 11, 12

DESCRIPTION: This course is offered as an alternative to Precalculus and will explore content in greater depth. It is recommended to students who have shown superior interest and aptitude. Throughout the course, there is an emphasis on the synthesis and analysis of information.

COURSE: CALCULUS HONORS, 1 credit, full year, honors

PREREQUISITES: Precalculus or Precalculus Honors

Open to grades 11, 12

DESCRIPTION: This course will introduce students to Calculus topics typically explored during one semester in college such as limits, differentiation, and integration. While this course covers many of the same concepts found in AP Calculus AB, it is not bound by the pace and rigor necessary for success on the AP Calculus AB exam.

COURSE: ADVANCED PLACEMENT CALCULUS AB, 1 credit, full year, honors

PREREQUISITES: Precalculus Honors

Open to grades 11, 12

DESCRIPTION: The topics covered in this course are determined by the College Board AP Calculus AB curriculum. This course emphasizes understanding and application of the concepts of limits, differentiation, and integration.

COURSE: ADVANCED PLACEMENT CALCULUS BC, 1 credit, full year, honors

PREREQUISITES: Precalculus Honors

Open to grades 11, 12

DESCRIPTION: AP Calculus BC is for the exceptional math student who is an independent critical thinker and can manage an accelerated pace of learning. This course contains the entire AP AB Calculus curriculum and continues into the next semester of a typical college calculus course. The College Board will report an AB score in addition to a BC score. These scores will be used to determine credit at the college level based on each individual college's or university's policies.

COURSE: ADVANCED PLACEMENT STATISTICS 1 credit, full year, honors

PREREQUISITES: Precalculus or concurrent enrollment in Precalculus

Open to grades 11, 12

DESCRIPTION: The topics covered in this course are determined by the College Board AP Statistics curriculum. They include collecting data, planning, and conducting experiments, graphical and numerical study of patterns, interpreting and summarizing information, probability, probability models, and statistical inference.



RELIGIOUS STUDIES

The Religious Studies department seeks to participate in the mission of the Church to transmit the person and message of Jesus Christ. The classes reflect the faith, traditions, and the morality of Roman Catholicism and are structured to aid the students to grow spiritually both as a teen and in their growth toward informed, committed, adult Catholics.

The religious studies program is designed to instruct students about the Christian faith from a Catholic perspective. It is also designed to invite spiritual growth and response in the student, both in the present and as future adults, to God who speaks to them in Scripture, in the Church, in the world today, and in each other. The classes welcome those students who are affiliated with different religious traditions or who do not have a religious tradition.

All courses in this section satisfy the Religious Studies graduation credit requirement.

COURSE: CHRISTIAN AWARENESS, 1 credit, full year

PREREQUISITES: None

Open to grade 9

DESCRIPTION: The Christian Awareness course takes its central focus from Jesus' command: "Love God" and "Love your neighbor as yourself." These three tenets (God, neighbor, self) are the objectives pursued. To journey toward this reality, the student will discover herself as a unique creation of God gifted in body, mind, emotion, and spirit to become a whole and holy person. The student will examine her own faith development exploring who she is as a member of the ecclesiastical body of church, past and present, and the role she plays in carrying out the mission of the Church. Further exploration will allow the student to delve into the sacramental and liturgical life of the Church as well as allowing her to explore the call of faith to care for and be of service to others.

COURSE: THE HEBREW AND CHRISTIAN SCRIPTURES, 1 credit, full year

PREREQUISITES: Christian Awareness

Open to grade 10

DESCRIPTION: The study of Scripture is about the story of the people of God. Jews and Christians alike share in this very important story of the way God relates to His people. An entire semester is spent in a study of the Hebrew Scriptures. Study of the Christian Scriptures focuses on the four gospels. The student will study the Bible within a contextual interpretation of Scripture in order to come to a better understanding of God's faithfulness even when we turn away, God's saving action, and God's love of each one of us as it was experienced throughout the centuries and told in stories that later became the Bible. To see how God's faithfulness, saving action, and love are experienced in her own life, the student will be asked to tell her own story, making connections between biblical themes and her life.

COURSE: CHRISTIAN MORALITY, ½ credit, semester

PREREQUISITES: Scripture

Open to grade 11

DESCRIPTION: This course focuses on character development. Prime questions posed throughout the course are: What kind of person am I becoming? What kind of person do I want to become? The course offers a Christian answer to this question, centering on Jesus as the model of full humanness and looking at the qualities of Jesus as they can be seen in the lives of people past and present and in the students' lives.

COURSE: CHURCH ISSUES, ½ credit, semester

PREREQUISITES: Scripture

Open to grade 11, 12

DESCRIPTION: This course will study what it means to be a Catholic, called by our vocation in life. Students will examine their call to faith by exploring and defining the Church through different ecclesiastical models, Vatican II, and the papacy. Intertwined in this investigation, the call to faith will be explored in light of the many contemporary issues facing Catholics today in a church which is both a global body and an American community. If elective choices for juniors will not fit in their schedule, students will be scheduled into Church Issues.

COURSE: FAITHFUL SERVICE LEARNING, ½ credit, semester

PREREQUISITES: Scripture

REQUIREMENT: Application. Enrollment may be limited.

Open to grades 11, 12

DESCRIPTION: Students in this course will be challenged to work for justice by working with people with various personal, social, or economic challenges. Through committed service and reflection, students seek to see the world from a new perspective and engage with mainstream culture in a new way. This course is designed for self-motivated students who budget time well. Much of the work for class takes place outside the classroom and all written work for the course is completed online several times a cycle. The course explores the call to service that is part of the Christian faith and our Ursuline heritage. Class meets once a cycle with service being scheduled two other days of the cycle. Service may be required outside the school day, in the evening or on the weekend. Students must arrange their own transportation to their service sites. If elective choices for juniors will not fit in their schedule, students will be scheduled into Church Issues.

COURSE: WORLD RELIGIONS, ½ credit, semester

Evening course - Wednesday evenings 6:00 PM – 8:00 PM

PREREQUISITES: Scripture

REQUIRED: Application. Enrollment may be limited.

Open to grades 11, 12

DESCRIPTION: The purpose of this course is to provide students with an opportunity to examine the role of religion in the lives of people throughout the world as well as in their own lives. Several of the world's great religions, Hinduism, Buddhism, Confucianism, Taoism, Shinto, Judaism, Islam, and Christianity, will be explored in order to appreciate and respect the differences and similarities from one's own faith tradition as well as to develop an understanding of human beings' response to and interaction with God and the world. Several of the classes will meet at various places of worship in the Cincinnati area. If elective choices for juniors will not fit in their schedule, students will be scheduled into Church Issues.

COURSE: WORLD RELIGIONS, ½ credit, semester

PREREQUISITES: Scripture

Open to grades 11, 12

DESCRIPTION: The purpose of this course is to provide students with an opportunity to examine the role of religion in the lives of people throughout the world as well as in their own lives. Several of the world's great religions, Hinduism, Buddhism, Confucianism, Taoism, Shinto, Judaism, Islam and Christianity, will be explored in order to appreciate and respect the differences and similarities from one's own faith tradition as well as to develop an understanding of human beings' response to and interaction with God and the world. Students will participate in many hands-on learning activities and prayer experiences. If elective choices for juniors will not fit in their schedule, students will be scheduled into Church Issues.

COURSE: DEATH AND CHRISTIAN HOPE, ½ credit, semester

PREREQUISITES: Scripture

Open to grades 11, 12

DESCRIPTION: Suffering and death is explored both as an inescapable reality and as a faith response capable of transforming this human experience into an opportunity for embracing the redemptive power of God. Topics such as aging, death with dignity, suicide, and grief and sorrow will be examined to discover meaning and purpose in our daily lives. The Christian views of life, death, and resurrection will surround a search for the meaning and understanding of the afterlife. If elective choices for juniors will not fit in their schedule, students will be scheduled into Church Issues.

COURSE: EVIL IN THE HUMAN HEART, ½ credit, semester

PREREQUISITES: Scripture

Open to grades 11, 12

DESCRIPTION: The course begins with an historical view of evil as it appears in the myths, Hebrew and Christian scriptures, and Western culture. Then the course turns to a psychological study of evil with emphasis on the notion of the “shadow” in the depth psychology of Carl Jung. Next Catholic theological teachings are explored in regard to the phenomena of evil, sin, reconciliation, grace, and redemption. Finally, the students discuss a number of case studies and explore the phenomenon of “group evil” and demonic possession. If elective choices for juniors will not fit in their schedule, students will be scheduled into Church Issues.

COURSE: PRAYER & SPIRITUALITY, ½ credit, semester

PREREQUISITES: Scripture

Open to grades 11, 12

DESCRIPTION: This course is intended for the student who desires to grow in relationship with God and herself. Objectives of this course are to heighten sensitivity to and awareness of God’s presence and activity in one’s interior and exterior experience of life; to learn through experience and study a variety of prayer types; and to realize that prayer is natural in the life of a believing person. Integral to the development of a prayer life is an understanding of spirituality and its many expressions. Women’s needs in spiritual formation are emphasized. If elective choices for juniors will not fit in their schedule, students will be scheduled into Church Issues.

COURSE: THEOLOGY OF THE HUMAN PERSON, ½ credit, semester

PREREQUISITES: Christian Morality

Open to grade 12

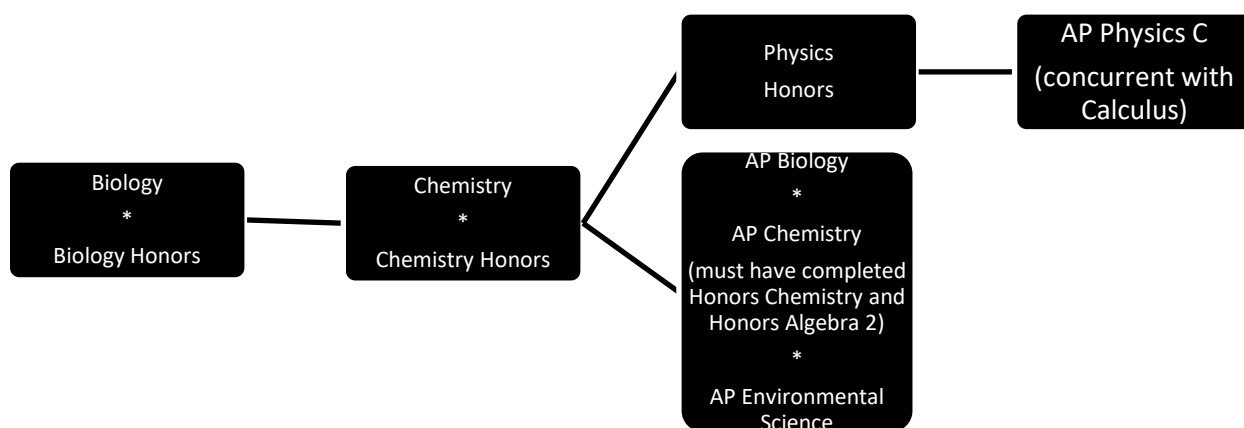
DESCRIPTION: This course is a systematic exploration of the human person’s experience of life and the search for authentic personhood and its meaning rooted in God. Students should be open to seeking meaning in their own unique life and faith journeys and developing their personal theologies.



The science department at Ursuline Academy emphasizes the interrelationships between science, technology, and our society. Students are prepared to make evidence-based decisions that reflect an understanding of the scientific method. Students will also develop and apply skills for the study of science, including: laboratory methods, scientific inquiry, problem-solving techniques, and logical and mathematical reasoning.

All courses in this section satisfy the Science graduation credit requirement.

The following diagram illustrates the course sequence options necessary to take an AP science course.



COURSE: **BIOLOGY**, 1 credit, full year,

PREREQUISITES: None

Open to grade 9

DESCRIPTION: This course is designed to teach the student to understand the living things around her. Students will cover the main topics of biology, including biochemistry, ecology, cell structure and function, reproduction, and genetics.

COURSE: **BIOLOGY HONORS**, 1 credit, full year, honors

PREREQUISITES: Placement made by entrance test score

Open to grade 9

DESCRIPTION: This course covers the topics described in Biology and includes plant reproduction, genetic engineering and technology, animal behavior, and scientific research. Emphasis is placed on the application of knowledge through extensive laboratory and group work.

COURSE: **CHEMISTRY**, 1 credit, full year

PREREQUISITES: Algebra I, Biology

Open to grades 10, 11, 12

DESCRIPTION: Chemistry is the study of matter, its properties, and transformations. Students will explore the unifying laws and theories of matter and its basic building blocks and how matter is reorganized through chemical reactions and physical changes.

COURSE: **CHEMISTRY HONORS**, 1 credit, full year, honors

PREREQUISITES: Algebra I, Biology

Open to grades 10, 11, 12

DESCRIPTION: This course covers the topics described in chemistry and also includes using multi-step computational problem solving techniques to study stoichiometry, atomic and molecular structures, gaseous and acid/base equilibrium and kinetics, thermochemistry, electrochemistry, organic chemistry and nuclear chemistry.

COURSE: **PHYSICS**, 1 credit, full year

PREREQUISITES: Chemistry, Algebra II

Open to grades 11, 12

DESCRIPTION: Physics is the study of the interactions between physical systems and the laws that govern the behavior and motion of these systems. Throughout the year we will develop and refine conceptual models of physics principles; represent our understanding through descriptions, graphs, diagrams, and algebraic expressions; and then use these representations to make predictions and solve problems. This course focuses on the study of motion (kinematics), Newton's Laws, energy, momentum, sound, light, and circuits.

COURSE: **PHYSICS HONORS**, 1 credit, full year, honors

PREREQUISITES: Chemistry, Algebra II

Open to grades 11, 12

DESCRIPTION: This course covers the topics described in Physics, placing a greater emphasis on independent problem solving and laboratory work as well as synthesizing concepts from multiple units to solve problems.

COURSE: HUMAN ANATOMY AND PHYSIOLOGY, 1 credit, full year

PREREQUISITES: Chemistry

Open to grades 11, 12

DESCRIPTION: Anatomy and Physiology is an introduction to the structure and functions of the human body. It also addresses current issues relating to health and disease. Building off a working knowledge of cells and chemistry, the course will cover the major systems of the body. Students are required to participate in various laboratory procedures, including dissections.

COURSE: HUMAN ANATOMY AND PHYSIOLOGY HONORS, 1 credit, full year, honors

PREREQUISITES: Chemistry

Open to grades 11, 12

DESCRIPTION: This course covers the topics covered in Anatomy and Physiology and explores the organ systems more deeply with a stronger emphasis on physiological processes. The course also requires long term projects integrating multiple body systems. Emphasis is placed on analysis of diseases and disease states.

COURSE: FORENSIC SCIENCE, 1 credit, full year

PREREQUISITES: Chemistry

Open to grades 11, 12

DESCRIPTION: Forensic Science is the study of scientific tests and techniques needed to investigate crimes and establish facts in a court of law. This lab course includes topics in crime scene investigation, death investigation, forensic laboratory skills, trace evidence investigation, ballistic and firearm investigation, document examination, and forensic psychology. Emphasis will be placed on problem solving, detection techniques, and interdisciplinary study.

COURSE: BIOTECHNOLOGY/MICROBIOLOGY, 1 credit, full year, honors

PREREQUISITES: Chemistry

Open to grades 11, 12

DESCRIPTION: This course will focus on biotechnology and microbiology, covering human cells as well as bacteria, viruses, archaea, fungi, and protozoa. Students will develop the laboratory, critical thinking, and communication skills currently used in the field of biotechnology in pharmaceutical development, genetic testing, and scientific research.

COURSE: ADVANCED PLACEMENT BIOLOGY, 1 credit, full year, honors

PREREQUISITES: Biology and Chemistry

Open to grades 11, 12

DESCRIPTION: The topics covered in this course are determined by the College Board AP Biology curriculum. Students will develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains. Students will study ecology, evolution, cell structure and communication, heredity, and gene expression.

COURSE: ADVANCED PLACEMENT CHEMISTRY, 1 credit, full year, honors

PREREQUISITES: Chemistry Honors, Algebra II Honors (General Chemistry with permission and a recommendation from the math instructor)

Open to grades 11, 12

DESCRIPTION: This course follows the curriculum of the College Board which places emphasis on developing advanced inquiry and reasoning skills and incorporating these in problem solving and in laboratory experiments. Students will study the structure of atoms and molecules, a qualitative and quantitative analysis of chemical reactions, chemical bonding, energy changes, states of matter, acids and bases, and thermodynamics.

COURSE: ADVANCED PLACEMENT ENVIRONMENTAL SCIENCE, 1 credit, full year, honors

PREREQUISITES: Biology and Chemistry

Open to grades 11, 12

DESCRIPTION: The AP Environmental Science curriculum as set out by the College Board provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course helps students identify, analyze, assess risk, and propose solutions to natural and human-induced environmental problems. Topics include biodiversity in ecosystems, population growth, land and water use, fuel sources, types of pollution, and global climate change.

COURSE: ADVANCED PLACEMENT PHYSICS C, 1 credit, full year, honors

PREREQUISITES: Physics Honors; Calculus (may be taken concurrently)

Open to grade 12

DESCRIPTION: AP Physics C is comprised of two separate courses: Mechanics and Electricity/Magnetism. Mechanics will cover the topics of kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Electricity/Magnetism will cover the topics of electrostatics; conductors, capacitors and dielectrics; electric circuits; magnetic fields; and electromagnetism. Methods of calculus are used in formulating physical principles and in applying them to physical problems. Emphasis is placed on solving challenging problems and completing a number of open-ended laboratory experiments. Students completing this course will be prepared to take 2 separate AP tests: AP Physics C (Mechanics) and AP Physics C (Electricity & Magnetism). A separate fee is required for each exam.

COURSE: INTRODUCTION TO ENGINEERING, 1 credit, full year, honors

REQUIREMENT: Completion of Physics or may be taken concurrently with Physics

Open to grades 11, 12

DESCRIPTION: Engineering combines the fields of science and mathematics to solve problems using the most efficient, practical, and cost-effective approach. Students in this course will be required to use the science and math principles learned in previous courses to solve real-world problems. Students will be introduced to the skills of technical drawing, technical report writing, and utilization of CAD software. Through the completion of engineering projects students will learn the importance of teamwork, problem solving, oral presentation, and design process.



SOCIAL STUDIES

The Social Studies curriculum provides young women the opportunity to gain knowledge, to develop intellectual skills, and to assume a sense of responsibility as members of their community, nation, and world. Core courses encompassing historical, geographic, economic, and political studies are required to encourage each student to achieve this purpose.

The Social Studies program provides an opportunity to explore a range of cultures, by educating students in both the historical roots and contemporary issues surrounding political, economic, legal, social, and psychological components of the world. It equips students to assess social and political issues, evaluate evidence and data, and effectively organize pertinent material. Additionally, students will develop skills in inquiry methods, research writing, public speaking, and debating.

All courses in this section satisfy the Social Studies graduation credit requirement.

COURSE: FOUNDATIONS IN HISTORY AND GEOGRAPHY, 1/2 credit, full year

PREREQUISITES: None

Open to grade 9

DESCRIPTION: This year-long course provides an introduction to essential skills in social studies and an introduction to early world history.

This foundational course focuses on essential skills in history and geography, providing students with a basis for understanding the modern world. The course begins with an introduction to geography and world regions and continues with developments in world history from the ancient period through approximately 1450 CE. Students' engagement with history will center on the reading and interrogation of primary and secondary sources, including those provided by the school library. In addition, students will learn to interpret quantitative, qualitative, and spatial data. Students will practice using information literacy principles to evaluate sources and incorporate evidence into historical arguments, explaining relationships among events and people in world history and change over time.

COURSE: WORLD HISTORY, 1 credit, full year

PREREQUISITES: Foundations

Open to grade 10

DESCRIPTION: This course is a survey of major social, cultural, political, economic, and environmental changes around the world from approximately 1450 CE to the present, focusing on those in Europe, Asia, and the Middle East. Some limited histories of North America, Latin America, and Africa will be covered as well. This course will cover events during the medieval period through the late 20th century. Students will analyze primary and secondary sources in order to build critical thinking, writing and reading skills.

COURSE: ADVANCED PLACEMENT WORLD HISTORY, 1 credit, full year, honors

PREREQUISITES: Foundations

Open to grade 10

DESCRIPTION: In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

COURSE: U.S. HISTORY, 1 credit, full year

PREREQUISITES: World History or AP World History

Open to grade 11

DESCRIPTION: United States History is a survey of the leading aspects of American History from Pre-Columbian to the American Revolution up to and including events in the 21st century. Attention is given to political issues, institutions, political parties, leadership, and diplomatic and constitutional questions, as well as economic, social, and cultural trends. This course also focuses on what is unique in the American historical experience and relates American history to the broader global setting in the world today.

COURSE: ADVANCED PLACEMENT U.S. HISTORY, 1 credit, full year, honors

PREREQUISITE: World History or AP World History

Open to grade 11

DESCRIPTION: This class provides students with the knowledge and analytical skills to examine the subject of United States history from Pre-Columbian societies through today. This course concentrates on building critical thinking, writing, and reading skills with less emphasis on rote memorization.

COURSE: AMERICAN STUDIES, 2 credits, full year, English honors and Social Studies honors.

PREREQUISITE: English II, World History or AP World History

REQUIREMENTS: Application. Enrollment limited to 28 students.

Open to grade 11

DESCRIPTION: This course is an interdisciplinary course, in which students explore history and literature to better understand America's culture and identity. Using an inquiry-based methodology, the course will study interdisciplinary artifacts (novels, primary sources, films, documentaries, poems, short stories, art work, images, music and others) to better understand large questions about what it means to be an American. Students will engage in close reading, critical thinking, personal reflection, and oral presentation both individually and collaboratively. This course satisfies the requirement for English III and US History.

COURSE: AMERICAN GOVERNMENT, ½ credit, semester

PREREQUISITES: U.S. History, AP U.S. History, or American Studies

Open to grade 12

DESCRIPTION: This course covers foundational documents, citizen rights, and the powers and functions of the federal government. Other topics include federalism, checks and balances, separation of powers, political ideology, campaigns, and political parties. Students will also examine current political issues.

COURSE: ADVANCED PLACEMENT GOVERNMENT 1 credit, full year, honors

PREREQUISITES: U.S. History, AP U.S. History, or American Studies

Open to grade 12

DESCRIPTION: This year-long course consists of two Advanced Placement courses.

The AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures, policies, and political, economic, and social challenges among six selected countries, Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues.

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 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 behavior. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons

and applications, and develop evidence-based arguments. In addition, they complete a political science research or applied civics project.

This course will prepare students to take two AP exams, one in AP Comparative Government and Politics and the other in AP U.S. Government and Politics. A separate fee is required for each exam.

COURSE: ECONOMICS, ½ credit, semester

PREREQUISITES: World History or AP World History

Open to grades 11, 12

DESCRIPTION: The goal of this course is to enable students to understand and evaluate current economic issues, trends, and policies. The course teaches basic economic models and analytical skills. Students are also prepared for their place in the economy through an introduction to personal finance and investments.

COURSE: ADVANCED PLACEMENT ECONOMICS, 1 credit, full year, honors

PREREQUISITES: World History or AP World History

Open to grades 11 and 12

DESCRIPTION: This course is the study of the economy from the perspective of consumers and producers (microeconomics) and the economy as a whole (macroeconomics). This course will prepare students to take two AP exams, one in microeconomics and the other in macroeconomics. A separate fee is required for each exam.



WORLD LANGUAGES

The World Languages curricula enable students to communicate effectively and accurately in a second language. Courses emphasize communicative competence in writing and speaking the target language as well as the understanding of the culture and literature of the countries in which it is spoken. The department provides opportunities for students to participate in activities and events with those of other linguistic backgrounds.

All courses in this section satisfy the World Language graduation credit requirement.

COURSE: FRENCH I, 1 credit, full year

PREREQUISITES: None

Open to grades 9, 10, 11, 12

DESCRIPTION: This course is designed for students who are beginning their study of French or students whose Ursuline French Placement Test score indicates that further proficiency is necessary. Much of this class is conducted in English in the beginning, with an increased use of the target language throughout the year. The emphasis is on comprehension, acquisition and use of vocabulary, and grammar structures and basic language structures that are necessary to all communication skills - listening, speaking, reading, writing skills. Culture is also introduced.

COURSE: French I HONORS, 1 credit, full year, honors

PREREQUISITES: Placement made by score on the Ursuline Academy French Placement Test and/or the English section of the HSPT

Open to grade 9, 10, 11

DESCRIPTION: This course is designed for students who demonstrate advanced ability in language acquisition through their score on the Ursuline Academy French Placement Test and/or the English section of the HSPT. Much of this class is conducted in French, with English being used to explain new concepts. The emphasis is on comprehension, acquisition and use of vocabulary, and grammar structures and basic language structures that are necessary to all communication skills - listening, speaking, reading, writing skills. Culture is also introduced.

COURSE: FRENCH II, 1 credit, full year

PREREQUISITES: French I or passing the Ursuline Academy French placement test

Open to grades 9, 10, 11, 12

DESCRIPTION: This course builds on important grammatical concepts from French I while expanding vocabulary, grammar, and cultural understanding. Communication skills are further developed while more complicated grammatical structures are added for creative communicative activities. Much of this course is conducted in French.

COURSE: FRENCH II HONORS, 1 credit, full year, honors

PREREQUISITES: French I or passing the Ursuline French placement test

Open to grades 9, 10, 11, 12

DESCRIPTION: This course is offered as an alternative to French II. Most of this course is conducted in French, with English being used to explain new concepts. While communication skills are further developed and more complicated grammar structures are introduced, emphasis is on a broader application of the course content in authentic communicative activities and assessments. Students are expected to communicate in French.

COURSE: FRENCH III, 1 credit, full year

PREREQUISITES: French II

Open to grades 10, 11, 12

DESCRIPTION: This course revisits and reviews all grammar previously presented and several new linguistic structures are introduced and developed. French III emphasizes mastery of the four language skills (reading, writing, speaking and listening). Authentic literature, poetry and informational texts are utilized. This course is conducted in French.

COURSE: FRENCH III HONORS, 1 credit, full year, honors

PREREQUISITES: French II

Open to grades 10, 11, 12

DESCRIPTION: This course is offered as an alternative to French III. This course is for students who have demonstrated high ability and interest in French. All language skills are reviewed and further developed at a faster pace. There is an increased emphasis on speaking and writing more fluently and correctly. New linguistic structures are introduced and developed. Authentic literature, poetry and informational texts are utilized. Students are required to actively communicate in French.

COURSE: FRENCH IV HONORS, 1 credit, full year, honors

PREREQUISITES: French III

Open to grades 11, 12

DESCRIPTION: This course emphasizes communication, culture, and grammar. Research, complex reading, listening activities, and oral presentations are required. This course will include the reading and discussion of authentic materials in print, audio, and visual mediums. This course is conducted in French.

COURSE: ADVANCED PLACEMENT FRENCH, 1 credit, full year, honors

PREREQUISITES: French III

Open to grades 11, 12

DESCRIPTION: This is a college level course, fully conducted in French. AP French prepares the student for the AP French exam, while emphasizing mastery in all communication skills. At this level students are expected to be independent learners who will use previous knowledge to extend their abilities into interaction with both historical and current issues in the French-speaking world. Authentic texts and media are utilized

COURSE: GERMAN I, 1 credit, full year

PREREQUISITES: None

Open to grades 9, 10, 11, 12

DESCRIPTION: This course is designed for students who are beginning their study of German or students whose Ursuline German Placement Test score indicates that further proficiency is necessary. Much of this class is conducted in English in the beginning, with an increased use of the target language throughout the year. The emphasis is on comprehension, acquisition and use of vocabulary, and grammar structures and basic language structures that are necessary to all communication skills - listening, speaking, reading, writing skills. Culture is also introduced.

COURSE: GERMAN II, 1 credit, full year

PREREQUISITES: German I

Open to grades 9, 10, 11, 12

DESCRIPTION: This course builds on important grammatical concepts from German I while expanding vocabulary, grammar, and cultural understanding. Communication skills are further developed while more complicated grammatical structures are added for creative communicative activities. Much of this course is conducted in German.

COURSE: GERMAN III Honors, 1 credit, honors, full year

PREREQUISITES: German II

Open to grades 10, 11, 12

DESCRIPTION: This course is for students who have demonstrated high ability and interest in German. All language skills are reviewed and further developed at a faster pace. There is an increased emphasis on speaking and writing more fluently and correctly. New linguistic structures are introduced and developed. Authentic literature and poetry are utilized. Students are required to actively communicate in German.

COURSE: GERMAN IV Honors, 1 credit, honors, full year

PREREQUISITES: German III Honors

Open to grades 11, 12

DESCRIPTION: This course emphasizes communication, culture, and grammar. Research, complex reading, listening activities, and oral presentations are required. This course will include the reading and discussion of authentic materials in print, audio, and visual mediums. This course is conducted in German.

COURSE: ADVANCED PLACEMENT GERMAN, 1 credit, honors, full year

PREREQUISITES: German III Honors

Open to Grades 11, 12

DESCRIPTION: The AP German Language course is designed to prepare students for the AP exam. Curriculum will focus on the three communication modes: interpersonal, presentational, and interpretive. Students will interpret written and spoken German and express ideas on a variety of cultural themes. Students completing AP German Language and Culture will be able to perform at the intermediate-mid to intermediate high proficiency level.

COURSE: LATIN I HONORS, 1 credit, full year, honors

PREREQUISITES: None

Open to grades 9, 10, 11, 12

DESCRIPTION: This course introduces the student to basic vocabulary, morphology and syntax of classical Latin. It also provides insight into ancient Roman history, mythology, and daily life from the reading selections and cultural excerpts in the text (*Ecce Romani*). The emphases of the readings are the adventures and routines of a Roman family. By the end of the first year, the student should be able to comprehend Latin passages, translate from Latin to English and write basic Latin sentences. Through the study of Latin root words, the student will develop the ability to see relationships between the target language and English derivatives.

COURSE: LATIN II Honors, 1 credit, full year, honors

PREREQUISITES: Latin I Honors

Open to grades 9, 10, 11, 12

DESCRIPTION: In this course the fundamental skills of classical Latin are maintained and further developed. There is continued emphasis on Roman culture, history and classical mythology, as well as Latin passages of the text series (*Ecce Romani*) featuring Roman urban life. By the end of the second year, the student should be able to write in Latin using complex sentence structures and read with comprehension continuous Latin passages about the adventures of a Roman family. Students will continue the study of English words derived from Latin vocabulary.

COURSE: LATIN III Honors, 1 credit, full year, honors

PREREQUISITES: Latin II Honors

Open to grades 10, 11, 12

DESCRIPTION: After completing *Ecce Romani*, Book II, students will begin *Ecce Romani*, Book III, reading exclusively the prose and poetic works of original Latin authors and be introduced to broader aspects of the Latin-speaking world of the late Roman Republic and early Empire. Expanded possibilities for discussion of important political, cultural, and literary issues are presented. A thorough review of grammar is provided, in addition to new grammar concepts, and students will continue to build vocabulary through readings. For the second half of this year students will be working nearly exclusively with original Latin literature and develop the skills for success at working at the AP level.

COURSE: LATIN IV HONORS, 1 credit, full year, honors

PREREQUISITES: Latin III Honors

Open to grades 10, 11, 12

DESCRIPTION: Latin IV Honors provides a survey of Latin literature and connected historical and cultural concerns from the period of the late Roman Republic and early Roman Empire. The Latin read is exclusively that of ancient authors and includes both prose and poetry. Themes introduced in Latin III Honors are reviewed and expanded upon. This course may be offered in place of or in addition to AP Latin to meet the interest of prospective students.

COURSE: ADVANCED PLACEMENT LATIN, 1 credit, full year, honors

PREREQUISITES: Latin III Honors

Open to grades 11, 12

DESCRIPTION: This course follows the AP Latin syllabus and is devoted to translating selections from Caesar's *De Bello Gallico* and Vergil's *Aeneid*. Time is also given to metrical reading, discussion of historical/cultural content and background, figures of speech, and poetic syntax. The time of the late Roman Republic and Principate of Augustus is the chief historical and cultural concern. Learning activities for this course include translating Latin literature with complete comprehension of the text, scanning lines of poetry, analyzing the text, and expanding English vocabulary.

COURSE: LATIN V HONORS, 1 credit, full year, honors

PREREQUISITES: AP Latin or Latin IV Honors

DESCRIPTION: This course is designed for students who will have successfully completed AP Latin as sophomores or juniors and wish to continue their study of the language. This course

emphasizes reading ancient literature; some attention will also be given to Latin versification, composition, and historical and literary background. The literature read will comprise primarily selections of Ovid's *Metamorphoses*. Writings of other ancient authors, such as Cicero, Livy, Catullus, and Horace, as well as readings of post-Classical Latin, will also be read; the interests of the students and instructor will determine these selections.

COURSE: SPANISH I, 1 credit, full year

PREREQUISITES: None

Open to grade 9, 10, 11

DESCRIPTION: This course is designed for students who are beginning their study of Spanish or students whose Ursuline Spanish Placement Test score indicates that further proficiency is necessary. Much of this class is conducted in English in the beginning, with an increased use of the target language throughout the year. The emphasis is on comprehension, acquisition and use of vocabulary, and grammar structures and basic language structures that are necessary to all communication skills - listening, speaking, reading, writing skills. Culture is also introduced.

COURSE: SPANISH I HONORS, 1 credit, full year, honors

PREREQUISITES: Placement made by score on the Ursuline Academy Spanish Placement Test

Open to grades 9, 10, 11

DESCRIPTION: This course is designed for those students who demonstrate advanced ability in language acquisition through their score on the Ursuline Spanish Placement Test. Much of this course is conducted in Spanish, with English being used to explain new concepts. The emphasis is on comprehension, acquisition and use of vocabulary, and grammar structures and basic language structures that are necessary to all communication skills – listening, speaking, reading, and writing skills. Culture is also introduced.

COURSE: SPANISH II, 1 credit, full year

PREREQUISITES: Spanish I or passing the Ursuline Academy Spanish placement test

Open to grades 9, 10, 11, 12

DESCRIPTION: This course builds on important grammatical concepts from Spanish I while expanding vocabulary, grammar, and cultural understanding. Communication skills are further developed while more complicated grammatical structures are added for creative communicative activities. Much of this course is conducted in Spanish.

COURSE: SPANISH II HONORS, 1 credit, full year, honors

PREREQUISITES: Spanish I or passing the Ursuline Academy Spanish placement test

Open to grades 9, 10, 11, 12

DESCRIPTION: This course is offered as an alternative to Spanish II. Most of this course is conducted in Spanish, with English being used to explain new concepts. While communication skills are further developed and more complicated grammatical structures are introduced, emphasis is on a broader application of the course content in authentic communicative activities and assessments. Students are expected to communicate in Spanish.

COURSE: SPANISH III, 1 credit, full year

PREREQUISITES: Spanish I and II

Open to grades 10, 11, 12

DESCRIPTION: This course revisits and reviews all grammar previously presented and several new linguistic structures are introduced and developed. Spanish III emphasizes mastery of the four language skills (reading, writing, speaking, and listening). Authentic literature and poetry are utilized. This course is conducted in Spanish.

COURSE: SPANISH III HONORS, 1 credit, full year, Honors

PREREQUISITES: Spanish I, II

Open to grades 10, 11, 12

DESCRIPTION: This course is offered as an alternative to Spanish III. This course is for students who have demonstrated high ability and interest in Spanish. All language skills are reviewed and further developed at a faster pace. There is an increased emphasis on speaking and writing more fluently and correctly. New linguistic structures are introduced and developed. Authentic literature and poetry are utilized. Students are required to actively communicate in Spanish.

COURSE: SPANISH IV HONORS, 1 credit, full year, Honors

PREREQUISITES: Spanish III

Open to grades 10, 11, 12

DESCRIPTION: This course emphasizes communication, culture, and grammar. Research, complex reading, listening activities, and oral presentations are required. This course is conducted in Spanish in all aspects.

COURSE: ADVANCED PLACEMENT SPANISH, 1 credit, full year, honors

PREREQUISITES: Spanish III

Open to grades 11, 12

DESCRIPTION: This is a college level course, fully conducted in Spanish. AP Spanish prepares the student for the AP Spanish exam, while emphasizing mastery in all communication skills. At this level students are expected to be independent learners who will use previous knowledge to extend their abilities into interaction with both historical and current issues in the Spanish-speaking world. Authentic texts and media are utilized.



ELECTIVES

COURSE: CREATIVE WRITING, ½ English credit, semester

PREREQUISITES: English I

Open to all grades (limited enrollment)

DESCRIPTION: This course focuses on imaginative writing, particularly in the genres of fiction, non-fiction, and poetry. The craft of creative writing is presented in theory: students study the styles of other writers and learn new writing techniques. The craft of creative writing is also presented in practice: students demonstrate and fine-tune the writing process of pre-writing, drafting, revising, and editing.

COURSE: PUBLIC SPEAKING, ½ English credit, semester

PREREQUISITES: None

Open to all grades (limited enrollment)

DESCRIPTION: This course introduces the theory and practice of public speaking. Theoretical topics include basic communication, verbal communication, nonverbal communication, listening strategies, topic selection, research techniques, and speech organization. Practical topics include the art of delivery regarding information, persuasion, interpretation and improvisation. These topics are supplemented with a number of opportunities to research, write and deliver speeches.

COURSE: PUBLICATIONS, 1 elective credit, full year

PREREQUISITES: None

Open to grades 10, 11, 12

DESCRIPTION: This course focuses on writing, editing, publication, design, photography, and media as it relates to the Ursuline school newspaper and school yearbook. The course pairs traditional forms of journalism such as print news to 21st Century formats such as podcasts and blogs. Level 1 students learn the basics of Journalism, Level 2 students focus on staff writing and editing, and Level 3 students focus on editing leadership. The course will include a club component for freshmen and upperclass students who cannot fit the elective into their schedules. Caveat: a student cannot be an editor of either publication if they are not in the class, but any student can get involved in the publications regardless of class schedule. This course can be repeated up to three times for credit.

COURSE: CARDIO, CORE, AND MORE Not Offered 2022-2023, ¼ elective credit, semester, offered in alternating years opposite **Lifetime Games and Activities**

PREREQUISITES: PE I, PE II

Open to grades 11, 12

DESCRIPTION: This fitness class incorporates many different types of movement. The cardio activities include cardio dance, Zumba, step aerobics, fitness walking and basic kickboxing. There will be an emphasis on the mind-body connection through the integration of Yoga and Pilates practices. To strengthen the major muscles, equipment such as free weights, resistance bands, and stability balls will be used. This fun and energizing course will also teach proper and safe training techniques.

COURSE: LIFETIME GAMES AND ACTIVITIES Offered in 2022-2023, ¼ elective credit, semester, offered in alternating years opposite **Cardio Core and More**

PREREQUISITES: PE I, PE II

Open to grades 11, 12

DESCRIPTION: This course includes a variety of lifetime sports and activities. Students will be introduced to backyard games such as Kan Jam, corn hole, and ladderball that were not covered in PE I and PE II. They will also receive a more in-depth exposure to previously taught mini-units including badminton, ping pong, pickleball, disc golf, golf, tennis, archery, bowling. This fun course is an effort to keep traditional American backyard games alive and relevant.

COURSE: INTRODUCTION TO SOCIOLOGY, ½ Social Studies credit, semester.

PREREQUISITES: None

Open to grades 11, 12

DESCRIPTION: This course explores how social forces shape our everyday lives and experiences in ways that are often hidden or overlooked. Major theoretical perspectives and concepts are presented, including the sociological imagination, culture, deviance, social stratification, race, education, and urbanization. Students will also practice methods used in sociological research and conduct a qualitative study on a sociological topic of their choice.

COURSE: ADVANCED PLACEMENT PSYCHOLOGY, 1 Social Studies credit, full year, honors

PREREQUISITES: None

Open to grade 12

DESCRIPTION: This course introduces students to the systematic and scientific study of human behavior and mental processes. Students are exposed to psychological theory, including Freudian psychoanalysis, behaviorism, humanism, cognitive psychology, social-cultural psychology, and evolutionary psychology. Additional areas of study include classical and operant conditioning, the role of genetics and the environment on human development, learning, memory, personality, mental illness and treatment therapies, and the role of stress. Also included are procedures found in the scientific method of research, as it applies to psychological experiments.

COURSE: ADVANCED PLACEMENT HUMAN GEOGRAPHY, 1 Social Studies credit, full year, honors

PREREQUISITES: None

Open to grades 11, 12

DESCRIPTION: This course will introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. This course will help students understand how cultural, economic and political systems relate to the distribution of human activities, the nature of places, and people's interaction with their environment. Students will also learn about the methods and tools geographers use in their research and practice.

COURSE: WOMEN'S STUDIES, ½ Social Studies credit, semester

PREREQUISITES: None

Open to grades 11, 12

DESCRIPTION: This course examines the cultural assumptions and expectations that affect women today. Students will explore the history of the feminist movement, the construction of gender identity, and the role institutions play in shaping the challenges and opportunities women experience in society across domestic and international contexts. Students will analyze a variety of texts as well as engage in daily discussion.

COURSE: HISTORY OF CINCINNATI, ½ Social Studies credit, semester

PREREQUISITES: None

Open to grades 11,12

DESCRIPTION: This course will provide a well-developed political, economic, and social picture of the city from Native Americans to the present. It will include an introduction to locations and landmarks of the city, both historical and contemporary. Stories of famous people and important events will enhance the students' knowledge of their own communities and neighborhoods of Cincinnati.

COURSE: CLASSICAL MYTHOLOGY, LITERATURE AND HISTORY: ANCIENT GREECE – ½ Social Studies credit, semester, honors

PREREQUISITES: none

Open to grades 11, 12

DESCRIPTION: This course traces the development of Greek Civilization from the late Bronze Age to the end of the Peloponnesian War. The emphasis is on history and literature in translation; primary and secondary sources both will be examined. Topics will include Greek Mythology,

Homer's *Odyssey* and Greek epic traditions, the rise of Democracy in Classical Athens, Athenian cultural achievements and the Peloponnesian War. A goal of the class is to explore ancient Greek civilization in greater depth than is possible in a survey course on world history and to appreciate how this culture continues to inform our thought today.

COURSE: CLASSICAL MYTHOLOGY, LITERATURE AND HISTORY: ANCIENT ROME – ½ Social Studies credit, semester, honors

PREREQUISITES: none

Open to grades 11, 12

DESCRIPTION: This course surveys the development of Roman civilization from the Regal Period to the Roman Empire. The emphasis is on history and literature in translation primary and secondary sources both will be examined. Topics will include Roman legends and interpretations of Greek mythology, Roman domestic struggles and foreign expansion, the collapse of the Republic, the establishment of the Principate, the monuments of Rome, and views on early Christianity from both pagan and Christian perspectives. A goal of the class is to explore ancient Roman civilization in greater depth than is possible in a survey course on world history and to appreciate how this culture continues to inform our thought today.

COURSE: GREEK AND LATIN ROOTS – 1 credit, full year, honors

PREREQUISITES: None

Open to grades 11, 12

DESCRIPTION: This course surveys and traces the origin of English words derived from ancient Greek and Latin root words. Much of the course stresses the ancient origins of medical and other scientific terminology. This course has been designed with input from Ursuline's Science department and seeks to provide a breadth of etymological background rather than targeting any one specific scientific field. The course also explores the development of language and stresses communication between Greek and Latin-based scientific terminology and the broader historical and cultural applications of these words.

COURSE: LA FRANCOPHONIE (1 credit, full-year elective)

PREREQUISITES: French 2 Honors and/or teacher's recommendation

Open to grades 11, 12

DESCRIPTION: This course is designed for students who would like to delve deeper into their French studies by understanding the history and various cultures of the French-speaking world. The course will explore *la francophonie* specifically in Africa. The content of this course will be presented in a variety of ways: film, literature, lecture, class discussion, and group project discovery. The class will be taught primarily in French.

COURSE: FOLKLORE AND FAIRY TALES, ½ elective credit, semester

PREREQUISITES: None

Open to grades 11, 12

DESCRIPTION: Taught in English, this course will focus on folklore and fairy tales primarily from the Grimm brothers, Jacob and Wilhelm. The course will explore the culture and history of Germany and its relationship with these fairy tales from their origins in the 18th century as oral tales collected by the brothers to present day adaptations in film and theater, theme parks, and “Fairy Tale Road” in Germany. The content of this course will be presented in a variety of ways: film, literature, lecture, and class discussion.

COURSE: LATIN AMERICAN STUDIES 1 credit, full year elective, honors level

PREREQUISITES: Spanish III HN and/or teacher’s recommendation

Open to grades: 10, 11, 12

DESCRIPTION: This course is designed for students who will have successfully completed Spanish III HN or IV HN or AP Spanish Language and Culture, or have a very high level in the language and an interest in the subject. The content of this course will be structured upon different elements of Latin American History, Geography and Culture, such as: Literature, film, music, and art. The intention of this course is to create a deep understanding of Pre-Colonial, Colonial, and Post-Colonial Latin America based on the materials read, listened to, and watched in class. The class will be run entirely in Spanish.

COURSE: AP COMPUTER SCIENCE PRINCIPLES, 1 elective credit, full year, honors

PREREQUISITES: Geometry

Open to grades 10, 11, 12

DESCRIPTION: The course is designed to be equivalent to a first-semester introductory college computing course. In this course students will develop computational thinking skills vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. Students will be working individually and collaboratively to solve problems; create computer artifacts through the design and development of programs; and discuss and write about the impacts these programs and solutions could have on their community, society, and the world. This course cannot replace Precalculus. It can be taken concurrently with Precalculus, Calculus or concurrently with all AP math courses.



SUMMER COURSES

COURSE: U.S. GOVERNMENT & POLITICS, ½ credit

DATES: Monday, June 6, through July 6 2022

LIMIT: 30 students

COST: \$450

DESCRIPTION: This course covers foundational documents, citizen rights, and the powers and functions of the federal government. Other topics include federalism, checks and balances, separation of powers, political ideology, campaigns, and political parties. Students will also examine current political issues. *This course fulfills a graduation requirement for Social Studies.*

This course will be a blend of synchronous and asynchronous. Most of the work will be self-paced, with the teacher available throughout the week for consultation. We will meet one hour per week in a synchronous setting (using MS Teams). We will also meet in person at Ursuline for a group activity. (Students will be required to attend one of the two in-person sessions. Session one will be Thursday, June 16 ,10 a.m. – noon. Session two will be Tuesday, June 23, 1 p.m. – 3 p.m.)

Instructor: Mr. John Gerhardt

COURSE: SPANISH ENRICHMENT LEVEL 1

DATES: July 28 - August 5, 2022

LIMIT: minimum 6 students

COST: \$250

DESCRIPTION: This seven day course is intended to help participants refresh their Spanish knowledge acquired during previous years and to compliment additional information learned during Spanish 1. This course is also an opportunity for students for further enrichment in all four skills of the language: speaking, reading, listening, and writing.

This class is open to any students enrolled in Spanish 2 or Spanish 2 Honors for the 2022-2023 school year.

COURSE: SPANISH ENRICHMENT LEVEL 2

DATES: July 28 - August 5, 2022

LIMIT: minimum 6 students

COST: \$250

DESCRIPTION This seven day course is intended to help participants refresh their Spanish knowledge acquired during previous years and to compliment additional information learned

during Spanish 2. This course is also an opportunity for students for further enrichment in all four skills of the language: speaking, reading, listening, and writing.

This class is open to any students enrolled in Spanish 3 or Spanish 3 Honors for the 2022-2023 school year.

COURSE: SPANISH ENRICHMENT LEVEL 3

DATES: July 28 - August 5, 2022

LIMIT: minimum 6 students

COST: \$250

DESCRIPTION This seven day course is intended to help participants refresh their Spanish knowledge acquired during previous years and to compliment additional information learned during Spanish 3. This course is also an opportunity for students for further enrichment in all four skills of the language: speaking, reading, listening, and writing.

This class is open to any students enrolled in Spanish 4 Honors, AP Spanish Language and Culture, or Latin American Studies for the 2022-2023 school year.



GRADE 9

- Students are required to carry 6 credits per year in addition to physical education and counseling requirements
- Subjects required in Grade 9 are indicated by the √ and gray-shaded rows
- An overview of graduation requirements can be found in the Curriculum Guide
 - Foundations in History & Geography is required beginning with the Class of 2025
- Specific information regarding pre-requisites and 2022-2023 options can be found in the course descriptions
- Students who plan to enroll in multiple science classes, two languages or several AP courses in grades 10, 11, or 12, may find it necessary to enroll in early bird, evening or summer courses.

SUBJECT	REQUIRED IN GRADE 9	MINIMUM CREDITS REQUIRED IN GRADE 9	TOTAL CREDITS REQUIRED FOR GRADUATION	REQUIRED GRADE 9 COURSES	COURSE REQUEST OPTIONS
English	√	1	4	English I or English I HNS	
Math	√	1	4		Algebra I/HNS Geometry HNS Algebra II HNS
Religious Studies	√	1	4	Christian Awareness	
Social Studies	√	½	3½	Foundations in History & Geography	
Science	√	1	3	Biology or Biology HNS	
World Languages	√	1	2		French I / French I H French II German I German II Latin I H Latin II H Spanish I/ Spanish I H Spanish II/ Spanish II H
Physical Education	√	¼	½	PE 1	
Health	√	½	½	Health	
Counseling	√	1/8	3/8	Freshman Counseling	
Fine Arts Electives			1		Fundamentals of Art Orchestra Beginning Guitar Beginning Piano Women's Chorus Show Choir Music Mods
General Electives					Public Speaking



GRADE 10

- Students are required to carry 6 credits per year in addition to physical education and counseling requirements
- Subjects required in Grade 10 are indicated by the √ and gray-shaded rows
- An overview of graduation requirements can be found in the Curriculum Guide
- Specific information regarding pre-requisites and 2022-2023 options can be found in the course descriptions
- Students who plan to enroll in multiple science classes, two languages or several AP courses in grades 10, 11, or 12, may find it necessary to enroll in early bird, evening or summer courses.

SUBJECT	REQUIRED IN GRADE 10	MINIMUM CREDITS REQUIRED IN GRADE 10	TOTAL CREDITS REQUIRED FOR GRADUATION	REQUIRED GRADE 10 COURSES	COURSE REQUEST OPTIONS
English	√	1	4	English II or English II HNS	
Math	√	1	4		Geometry/ Geometry HN Algebra II/ Algebra II HN Precalculus/ Precalc HN
Religious Studies	√	1	4	Scripture	
Social Studies	√	1	3	World History or AP World History	
Science	√	1	3	Chemistry or Chemistry HNS	
World Languages	√	1	2		French II/French II HN Latin II HN French III/ French III HN Latin III HN German II Spanish II/ Spanish II HN German III HN Spanish III/ Spanish III HN
Physical Education	√	¼	½	PE 1	PE II
Health			½		
Counseling	√	⅛	¾	Sophomore Counseling	
Fine Arts Electives			1		Fundamentals of Art Orchestra Design Beginning Guitar Drawing & Painting Beginning Piano Enameling Intermediate Piano Hand-building in Clay Chorus Graphic Design A Capella Photography Show Choir Music History Music Mods Music Theory & Aural Skills
General Electives					Public Speaking Publications Creative Writing AP Computer Science Principles



GRADE 11

- Students are required to carry 6 credits per year in addition to physical education and counseling requirements
- Subjects required in Grade 11 are indicated by the √ and gray-shaded rows
- An overview of graduation requirements can be found in the Curriculum Guide
- Specific information regarding pre-requisites and 2022-2023 options can be found in the course descriptions
- Students who plan to enroll in multiple science classes, two languages or several AP courses in grades 10, 11, or 12, may find it necessary to enroll in early bird, evening or summer courses.

SUBJECT	REQUIRED IN GRADE 11	MINIMUM CREDITS REQUIRED IN GRADE 11	TOTAL CREDITS REQUIRED FOR GRADUATION	REQUIRED GRADE 11 COURSES	COURSE REQUEST OPTIONS
English	√	1	4	English III, English III HNS, American Studies or AP English Composition	
Math	√	1	4		Algebra II/ Algebra II HN Calculus HN Precalculus/ Precalc HN AP Calculus AB AP Statistics AP Calculus BC
Religious Studies	√	1	4	Christian Morality + ½ credit option	Church Issues Evil in the Human Heart World Religions Faithful Service Learning Death & Christian Hope Prayer & Spirituality
Social Studies	√	1	3	US History, AP US History or American Studies	Economics AP Economics
Science	√	1	3		Chemistry Anatomy/Physiology AP Chemistry AP Biology Physics AP Environmental Science Forensic Science Biotech/Microbiology Intro to Engineering
World Languages			2		French III/HN French IV/HN AP French German III HN German IV HN Latin III HN Latin IV HN AP Latin Spanish III/HN Spanish IV/HN AP Spanish
PE			½		PE II
Health			½		
Counseling	√	1/8	3/8	College Planning	
Fine Arts Electives			1		Fundamentals of Art Orchestra Design Beginning Guitar Drawing & Painting Beginning Piano Enameling Intermediate Piano Hand-building in Clay Chorus Adv. Hand-building in Clay A Cappella Advanced Studio Show Choir Graphic Design Music Theory Photography Music History Music Mods Music Theory & Aural Skills
General Electives					Public Speaking Women's Studies Creative Writing Intro to Sociology Lifetime Games & Activities AP Human Geography Classical Mythology: Greece Publications Classical Mythology: Rome History of Cincinnati Greek and Latin Roots AP Comp. Sci. Principles La Francophonie Latin American Studies Folklore & Fairy Tales



GRADE 12

- Students are required to carry 6 credits per year in addition to physical education and counseling requirements
- Subjects required in Grade 12 are indicated by the √ and gray-shaded rows
- An overview of graduation requirements can be found in the Curriculum Guide
- Specific information regarding pre-requisites and 2021-2022 options can be found in the course descriptions
- Students who plan to enroll in multiple science classes, two languages or several AP courses in grades 10, 11, or 12, may find it necessary to enroll in early bird, evening or summer courses.

SUBJECT	REQUIRED IN GRADE 12	MINIMUM CREDITS REQUIRED IN GRADE 12	TOTAL CREDITS REQUIRED FOR GRADUATION	REQUIRED GRADE 12 COURSES	COURSE REQUEST OPTIONS
English	√	1	4	English IV, English IV HNS, or AP English Literature	
Math	√	1	4		Precalculus/ Precalc HN AP Calculus AB AP Statistics AP Calculus BC
Religious Studies	√	1	4		Evil in the Human Heart World Religions Faithful Service Learning Church Issues Death & Christian Hope Prayer & Spirituality Theology of the Human Person
Social Studies	√	1	3	Government or AP Government Economics or AP Economics	
Science			3		Chemistry Anatomy/Physiology AP Chemistry AP Biology Physics AP Physics Forensic Science AP Environmental Intro to Engineering Biotech/Microbiology
World Languages			2		French IV HN AP French German IV HN AP Latin Latin IV HN Latin V HN Spanish IV HN AP Spanish
PE			½		PE II
Health			½		
Counseling			¾		
Fine Arts Electives			1		Fundamentals of Art Orchestra Design Beginning Guitar Drawing & Painting Beginning Piano Enameling Intermediate Piano Hand-building in Clay Chorus Adv. Hand-building in Clay A Cappella Graphic Design Show Choir Photography Music History Advanced Studio Music Mods AP Drawing Music Theory & Aural Skills AP 2-D Design
General Electives					Public Speaking Women's Studies Creative Writing Intro to Sociology Lifetime Games AP Human Geography Publications AP Psychology History of Cincinnati Greek and Latin Roots AP Comp. Sci. Principles La Francophonie Latin American Studies HN Folklore & Fairy Tales Classical Mythology (Greece/Rome)

