



Curriculum Guide 2012-2013

St. Ursula Academy High School
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Chartered by the State of Ohio as a college preparatory high school

Member:

National Catholic Education Association
North Central Association of Colleges and Schools
College Entrance Examination Board
Ohio Catholic School Accrediting Association
North American Ursuline Educational Services

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ACADEMIC POLICIES

St. Ursula Academy is a college-preparatory school that offers an intensive four-year program in the fields of religion, English, social studies, mathematics, science, French, Spanish, Latin, as well as art, design, music, and theatre. All courses are college-preparatory, some subjects offer an honors level, and there are many Advanced Placement courses. The assistant principal and guidance counselors plan the program of each freshman by considering her elementary school achievement and her performance on the entrance examination. Each year the individual student's program is reviewed, evaluated, and directed according to her abilities and interests. A student is encouraged to select a program that includes subjects taught at different levels of difficulty. Certain upper-level courses, however, demand that the student has attained a particular average in the lower-level courses of the same field, or approval of the department.

GRADUATION REQUIREMENTS

Students prepare for a baccalaureate program in order to receive a college-preparatory diploma upon completion of a minimum of 23.00 units (24.00 units for class of 2014) of credit including the following:

Religion	4
English	4
Mathematics	3 (4 for the class of 2014 forward)
Science (3 units)	3
Foreign Language	3
Social Studies	3
Health/Physical Education	1
Fine Arts	1
Elective Courses	1

Additional units of credit may be taken in English, mathematics, technology, science, world languages, the fine arts, social studies, and other electives. Required mathematics courses are Algebra 1, Algebra 2, and Geometry. Required science courses are Biology, Chemistry, and one other laboratory science. A student must take three years of the same foreign language. Required social studies courses are Europe & the Mid-East; Africa, Asia & the Americas; U.S. History; American Government; and Economics. Religion is required each year. One 1-term Health course and two 1-term PE courses are required. .

ADVANCE PLACEMENT (AP) COURSES

Students must be recommended by the appropriate teacher/department to enroll in an Advanced Placement course. Students who elect to take AP courses in junior and/or senior year will be billed an additional amount for the exam. The College Board determines the fee for the exam. Students who are enrolled in AP courses are required to take the AP exam for that course.

EDUCATIONAL SERVICES PROGRAM for Students with Learning Disabilities and AD/HD

Saint Ursula Academy offers a program for college-bound, highly motivated young women with dyslexia and other learning disabilities. Students in the Educational Services Program are mainstreamed into the regular college-preparatory curriculum. However, program participants benefit from a number of special modifications and services that demonstrate St. Ursula's commitment to providing a successful college preparatory experience for learning disabled students. The special modifications and services include tutoring, course-work support, diagnostic testing, textbooks on CDs, Kurzweil reader, AP tests administered orally, OGTs, PSAT, SAT and ACT available on cassette tapes or DVDs, extended examination and testing periods, oral examinations and tests read by tutor, and the use of a tape or digital recorder to record class notes. Students enrolled in the Educational Services Program will be billed additional fees for participation in the program.

GRADING

Any system of grading is at best a relative measure of a student's progress in a particular area of study. It is important that both students and their parents understand this relativity so that they neither weigh the grades too heavily nor ignore them altogether. It is also important that they understand the alpha system of grading used at St. Ursula Academy. Honors and AP courses at St. Ursula Academy are weighed at a higher point value than the college-preparatory courses. Additionally, 1/2-credit and 1/4-credit courses

are weighted appropriately in computing a grade point average. The following system is used; the numeric equivalents are given for comparison purposes:

Grade Value	Numeric Equivalent	College Prep	Honors	Advanced Placement
A+	97-100	4.33	4.83	5.33
A	93-96	4.00	4.50	5.00
A-	90-92	3.67	4.17	4.67
B+	87-89	3.34	3.84	4.34
B	83-86	3.00	3.50	4.00
B-	80-82	2.67	3.17	3.67
C+	77-79	2.34	2.84	3.34
C	73-76	2.00	2.50	3.00
C-	70-72	1.67	2.17	2.67
D+	68-69	1.34	1.84	2.34
D	65-67	1.00	1.50	2.00
F	0-64	0.00	0.00	0.00

GRADE POINT AVERAGE

Grades from all courses are weighted and averaged for the GPA and the honor roll. The GPA takes into account the amount of credit a course receives as well as any honors or AP weighting. The exam grade is included in the term grade for each course. Summer school courses (enrichment or remedial) or any make-up courses are not included in the GPA. A failing grade in a course is counted in the GPA. Credit is awarded for a successful make-up course, but make-up work is not counted in the GPA. Any grade earned in an approved St. Ursula Academy Flex Credit is included in the GPA.

CLASS RANK

St. Ursula Academy does not report class rank because of our selective population. Class rank is useful in comprehensive high schools in which the entire range of abilities is present. Such is not the case in schools like St. Ursula who only accept students in the college preparatory curriculum.

SCHEDULING

Each year the individual student has the opportunity to review and evaluate her academic program with her teachers and guidance counselor. The student prepares her list of requests for the following school year and submits it in writing to her counselor. The assistant principal confers with the head of each department (as needed) to confirm placement of students. The guidance counselors are consulted as changes are planned. Certain upper-level courses require that the student has attained a particular average in the lower-level courses of the same field. In order to schedule an honors course, the student must have permission from the required teacher/department and her guidance counselor. She must have permission from the assistant principal to schedule more than three honors courses. The assistant principal oversees the student scheduling process and gives the final approval to all schedules.

SCHEDULE CHANGES

- Students need to take course selection seriously and understand that curriculum and staffing decisions are based on student course selection. For that reason, schedule changes can only be made at **assigned times** and for serious reasons.
- Students who will be applying to college in the fall should consider what courses will be needed to gain admission to a college or a program **before** completing their course request sheet.
- After course requests are submitted in the spring, **schedules will only be changed upon the approval of the assistant principal and counselor**. Naturally, all changes are contingent on course availability and class size.
- If a student is approved and scheduled for a course, she will be expected to complete the course.
- After the first week of the first term, students may only drop classes with the permission of the assistant principal and guidance counselor. Parents and teachers of the dropped and added courses must also sign off on the change. Students who drop courses after the first week will receive a grade of W with the final grade for the class at the withdrawal date.

COURSE OFFERINGS 2012-2013

Religion

Hebrew Studies/Christian Testament
Church/ Faith & Sacraments
Morality
Social Justice
Christian Lifestyles
Prayer
World Religions
Moral Issues in Literature and Film

English

Literary Genres
Honors Literary Genres
British Literature
Honors British Literature
American Literature
Honors American Literature
World Literature
AP English Literature & Composition*
Contemporary Literature
Fantastic Literature
Creative Writing
Seminar: Critical Thinking/Problem Solving#
Honors Seminar: Critical Thinking/Problem Solving#

Mathematics

Algebra 1
Honors Algebra 1
Geometry
Honors Geometry
Algebra 2
Honors Algebra 2
Algebra 3/Trigonometry
Pre-Calculus
Honors Pre-Calculus
Probability & Statistics
Finite Math
Honors Calculus
AP Calculus AB*
Seminar: Critical Thinking/Problem Solving#
Honors Seminar: Critical Thinking/Problem Solving#
Accounting

Technology

21st Century Communication:
Info Tech/Public Speaking#
Video Production

**Refer to the
Curriculum Guide for
the number of terms
and prerequisites.**

** Denotes Advanced
Placement® course.
Denotes
interdisciplinary course.*

Science

Physical Science
Honors Physical Science
Biology
Honors Biology
Chemistry
Honors Chemistry
Physics
Honors Physics
AP Biology*
AP Chemistry*
AP Physics B*
AP Environmental Science*
Anatomy & Physiology
Engineering
Robotics
Food and Nutritional Science
Organic Biochemistry
Forensics
Vertebrate Zoology

Social Studies

Europe & the Middle East
Africa, Asia & the Americas
Honors Africa, Asia & the Americas
United States History
AP United States History*
American Government
AP United States Government & Politics*
AP European History*
AP Psychology*
Psychology
Economics
AP Macroeconomics
Bad Girls and Unruly Women
Your Grandmother's Trunk
Cincinnati History

World Languages

French 1
French 2
French 3
French 4 Conversation
French 4 Honors
AP French Language and Culture*
Advanced French Honors Seminar
Latin 1
Latin 2
Latin 3
Latin 4 Honors
AP Latin: Vergil*
Spanish 1
Spanish 2
Spanish 3
Spanish 4 Conversation
Spanish 4 Honors
AP Spanish Language*
Advanced Spanish Honors Seminar

Health & Physical Education

Health
Contemporary Issues in
Women's Health
Physical Education
Team Sports
Lifetime Sports
Personal Fitness

Art & Design

Art & Design Foundations
Art 2
The Spirit of Color in Design
Art 3
Codes and Symbols in Design
AP Studio Art: Drawing*
Systems in Design
AP Art History*
Photography
Ceramics
Architecture and Interior Design

Music

Freshman Chorus
Concert Choir
Vocal Ensemble
Guitar I
Guitar II
Orchestra
Music Theory and Songwriting
Introduction to Digital Keyboard/Piano

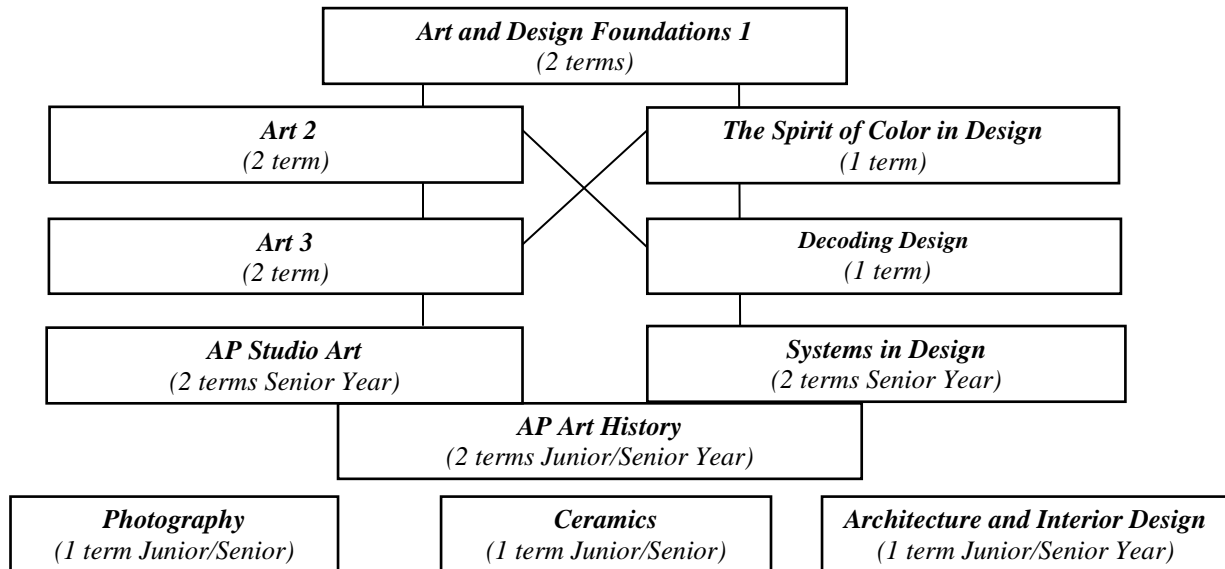
Theater

Freshman Acting
Fundamentals of Acting
Scene Study
Styles of Acting
Directing Lab
Technical Theatre
Music Theatre Workshop
21st-Century Communication: Public Speaking/Info Tech#

Educational Services Program

Academic Tutoring

ART AND DESIGN



ART AND DESIGN FOUNDATIONS (2 terms, 1 credit)

This studio course teaches the art and design foundations necessary to continue in art and design; it covers freehand drawing from life, the elements and principles of design and color theory to develop the student's perception, dexterity, language and understanding of the creative process.

ART 2 (2 terms, 1 credit)

Prerequisite: Art and Design Foundations

This studio course will broaden and deepen foundational skills; drawing and design skills will be expanded; elements and principles of three-dimensional form will be explored more deeply; visits will be made to the local art museums.

THE SPIRIT OF COLOR IN DESIGN (1 term, ½ credit)

Prerequisite: Art and Design Foundations

This one-term course focuses on everything color – the mechanism of color perception is universal among humans but what we do with it once we see it is another thing and controlling it for the sake of communication depends on how its optical qualities behave. You will learn to analyze and apply the powerful visual tool called color to convey a mood, investigate how it changes from culture to culture, and how designers use color to codify information. We will continue our exploration of graphic basics from freshman year and learn to manipulate optical and pigment color to convey specific meaning both by hand and on the computer.

ART 3 (2 terms, 1 credit)

Prerequisite: Art and Design Foundations

This studio course expands basic skills into increasingly complex and challenging projects; 2-dimensional, 3-dimensional, and digital projects will be presented. Field trips to our city's fine art museums and cultural centers will be part of the course. Students with an interest in the AP Studio Art course should take this course, as they will begin to work on their AP portfolio requirements.

DECODING DESIGN: SYMBOLS IN VISUAL COMMUNICATION (1 term, ½ credit)

Prerequisite: Art and Design Foundations

This one-term course reveals hidden meanings that make up famous logos and signs we encounter every day. It will teach you to recognize and interpret common shapes and symbols to use in your own work and you will learn how philosophy, math, physics, and nature influence great design as you create your

own meaningful patterns and personal marks. You will study the marriage of word and image, ligatures, and letterform design, use creative wordplay as you increase your visual literacy. Conceptual Drawn Design will continue. You will start working with Illustrator, Photoshop and In-Design Suite on the Mac Computer

AP STUDIO ART: DRAWING (2 terms, 1 credit)

Prerequisite: Art and Design Foundations

In this studio course students develop their AP Studio Art portfolio to be submitted for evaluation in the national scoring. Students may be interested in pursuing the Visual Arts at the college level, but this is not expected; class and individual projects will be presented; students will pursue and individually proposed thematic group of artworks. Students will be expected to complete a professional portfolio that exhibits both a wide scope of skill and a developed conceptual concentration. Field trips to our city's fine art museums and cultural centers will be part of the course.

SYSTEMS IN DESIGN: MAKING AND BREAKING THE RULES (Portfolio class, 2 terms, 1 credit)

Prerequisite: Art and Design Foundations

This is the two-term class that gets you ready to study design as your major in college, whether that is architecture, interior, fashion, industrial, planning, digital, urban planning or visual communication. The focus will be on systems in design: we will study the graphic representation of a variety of diagrams in the form of a structure, situation, or process. You will learn about grids, ways to organize typographic information, visual composition, pictographic systems and more evolved design elements and principles such transparency, layers, modularity, time and motion. You will continue to work with Adobe Illustrator, Photoshop and In-Design Suite. The History of Design, from prehistory to current trends will be presented. You will complete an analytical object drawing and if any authentic, real-life projects come our way, we will take them on as we work in teams, give presentations, and oversee production.

AP ART HISTORY (2 terms, 1 credit)

AP Art History is stand alone course where upper level students can gain an understanding of Art's robust history with or without having taken studio art or design courses. It is designed to give the upper-level high school student a broad overview of our rich 30,000 year (and growing) history in the visual arts and prepare the student to successfully complete the AP Art History exam. While this course will mainly focus on art within the European tradition, we will also include examinations of art from the ancient Near East, Egypt, Islam, Africa (beyond Egypt), the Americas, Asia, and Oceania. In this study of history, we will examine the breadth of human visual artistic expression including paintings and drawings, prints, sculpture, architecture, and other media. Frequent visits to our city's notable art museums and rich cultural centers are required. Various presentation formats including lecture, PowerPoint, videos, individual presentations, topical discussions, and hands-on activities will be utilized to achieve successful learning. Technology will aid student learning through Internet research and our textbook's companion site activities.

PHOTOGRAPHY (Eleventh and Twelfth grades, 1 term, ½ credit, elective)

Prerequisite: Prior Art and Design students will get preference

This studio course elective will investigate the basics of digital photography. We will examine composition, lighting, and subject matter. Students will learn the basics of digital photographic editing, as we pursue image making in both black and white and color modes. Students will need to provide their own digital camera. Substantial work outside the classroom will be expected of the successful student. Only juniors and seniors will be admitted into this course

CERAMICS (Eleventh and Twelfth grades, 1 term, ½ credit, elective)

Prerequisite: Prior Art and Design students will get preference

This studio course elective will explore the tactile world of ceramics. Multiple hand-building techniques will be accomplished. Class projects will include 3-dimensional forms such as vessels, reliefs, and small sculptures. Students will learn about the composition of clays and glazes, as they improve their technique. Only juniors and seniors will be admitted into this course.

ARCHITECTURE AND INTERIOR DESIGN (Eleventh and Twelfth grades, 1 term, ½ credit, elective)

Beginning 2012-2013, this class will be offered every other year. It will not be offered in 2013-2014.

Prerequisite: Art and Design Foundation, and Art 2 and/or Design 2

This course will explore aspects of architecture and interior design including architectural design, plan and elevation drawing, 2-point linear perspective drawing, 3-dimensional modeling, and interior designing. Both 2-dimensional and 3-dimensional project will be pursued.

COMPUTER TECHNOLOGY

21st CENTURY COMMUNICATION: Public Speaking/Info Tech (Ninth grade, 1 term, ½ credit)

This is a one term required course for freshmen. Course content involves writing, critical thinking, and integration of media into presentations and public speaking. In addition to refining technology skills, students develop poise and confidence in their ability to speak effectively to small or large groups.

VIDEO PRODUCTION (Tenth, Eleventh and Twelfth grades, 1 term, ½ credit, elective)

This is an introduction to the exciting world of video production. We will develop several team-based projects that might include music videos, electronic news gathering, corporate communications, independent features and more. Students will learn the basic mechanics of video cameras, lighting, audio and editing. We will also learn the basics of scripting, planning and directing. Students will be graded on both teamwork and individual assessments.

ENGLISH

The following chart shows the required core courses in English. Students take either the courses in the college-prep column OR the courses in the honors column, as approved by the department.

Grade Level	College Preparatory	Honors
Freshmen	Literary Genres	Honors Literary Genres
Sophomores	British Literature	Honors British Literature
Juniors	American Literature	Honors American Literature
Seniors	World Literature	AP English Literature & Composition

Some elective courses are also available to sophomores, juniors, and seniors. See descriptions below for full details.

COLLEGE PREPARATORY LITERARY GENRES (Ninth grade, 2 terms, 1 credit, required)

This course is an introduction to the high-school English program. Content includes distinguishing literary genres, providing a sound basis in grammar and composition, expanding vocabulary, promoting correct spelling and the use of proper mechanics in writing. The short story, the novel, poetry, and drama are the main topics of literature study and discussion. Formal essay writing is the main goal of composition instruction, yet students practice creative writing skills as well. Research skills are introduced. Students will present to the class individually and in groups.

COLLEGE PREPARATORY BRITISH LITERATURE (Tenth grade, 2 terms, 1 credit, required)

Prerequisite: Literary Genres

The focus in this course is to familiarize the student with representative works of British authors from all major periods of British Literature from the Anglo-Saxon times to the twentieth century. Students will be called upon to utilize their knowledge of literary terms and literary genres in the framework of a chronological study of literature. The student will continue to read and discuss literature analytically, to develop critical and expository writing, to expand knowledge of vocabulary, and to learn OGT and SAT

attack skills. Research skills are further developed. Students will present to the class individually and in groups.

COLLEGE PREPARATORY AMERICAN LITERATURE (Eleventh grade, 2 terms, 1 credit, required)

Prerequisite: Literary Genres and British Literature

The focus in this course is to familiarize the student with representative American authors from the colonial times to the present. Students will be called upon to utilize their knowledge of literary terms and literary genres in the framework of a chronological study of literature. The student will continue to read and discuss literature analytically, to develop critical and expository writing, to expand knowledge of vocabulary, and to learn standardized test attack skills. Research skills are further developed. Students will present to the class individually and in groups.

COLLEGE PREPARATORY WORLD LITERATURE (Twelfth grade, 2 terms, 1 credit, required)

Prerequisite: Literary Genres, American Literature, and British Literature

The diverse literature that students read in this course provides an opportunity to explore the richness of other cultures and times. Students will read, discuss, and respond to a variety of literary genres, techniques, themes and modes. Students will build upon previously mastered skills as they write formal literary essays and complete a research-based assignment, and read and discuss critically and thoughtfully. Students will present to the class individually and in groups.

HONORS LITERARY GENRES (Ninth grade, 2 terms, 1 credit, required)

Prerequisite: Recommendation of the English Department based on test scores and writing sample

This course is an introduction to the school's English Honors program. Content includes distinguishing the literary genres of short story, poetry, novel, and drama, as well as writing formal essays that are structurally and stylistically sound. Skills required to write a research paper are introduced. In this course, the students are required to read and discuss critically and thoughtfully; to develop a critical vocabulary and critical skills; to experiment with techniques, topics, skills, and various kinds of writing; and to participate in self-editing and peer response. Students will present to the class individually and in groups.

HONORS BRITISH LITERATURE (Tenth grade, 2 terms, 1 credit, required)

Prerequisite: Honors Literary Genres and Recommendation of the English Department

This course is a survey of British literature from Anglo-Saxon to modern times. Course content includes expanding vocabulary, strengthening SAT and OGT strategies, developing critical and analytical reading and discussion skills, and developing both breadth and depth in reading as background for the Advanced Placement course in English Literature and Composition. Students further develop skills in writing the expository essay and the research paper. Students will present to the class individually and in groups.

HONORS AMERICAN LITERATURE (Eleventh grade, 2 terms, 1 credit, required)

Prerequisite: Honors Literary Genres and Honors British Literature, and Recommendation of the English Department

This course is a chronological survey of American literature with representative readings from colonial times to the present. Content also includes expanding vocabulary, independent reading journals, strengthening standardized test attack skills, developing a critical and analytical reading of literature, and developing both breadth and depth in reading and discussion as background for the Advanced Placement course in English Literature and Composition. Skills in writing the expository essay and a research paper will be developed. Students will present to the class individually and in groups.

AP ENGLISH LITERATURE & COMPOSITION (Twelfth grade, 2 terms, 1 credit, fulfills senior year graduation requirement)

Prerequisite: Honors Literary Genres, Honors British Literature, Honors American Literature, and Recommendation of the English Department

This course focuses on the development of the skills in critical reading and writing necessary to prepare students for the Advanced Placement Examination in English Literature and Composition given by the College Board in mid-May. Students are required to experiment with techniques, topics, skills, and kinds of writing and discussion, and to participate in self-editing and peer response. The course incorporates

the use of a college level literary anthology and requires a considerable amount of outside reading. Students will present to the class individually and in groups.

CONTEMPORARY LITERATURE (Eleventh or Twelfth grade, 1 term, ½ credit, elective)

The purpose of this class is to read and discuss selected fiction by contemporary authors; to sharpen thinking, reading, and writing skills; to develop criteria for judging contemporary literature; to discover various periodical sources of contemporary literature; to view and critique film adaptations of contemporary literature.

CREATIVE WRITING (Tenth, Eleventh, or Twelfth grade, 1 term, ½ credit, elective)

The purpose of this class is to enable students to express in written form their unique experiences, ideas and opinions. Although the focus is on producing original works of prose and/or poetry, students will read selections of classic and contemporary literature in order to analyze the components of style that characterize good writing. The course culminates in a portfolio which demonstrates improvement upon revision.

FANTASTIC LIT: Women Writers of Fantasy and Science Fiction (Tenth, Eleventh or Twelfth grade, 1 term, ½ credit, elective)

Do you like the Twilight series, Harry Potter, or the Hunger Games? Then believe it or not, you like fantasy and science fiction! Explore this genre's roots, reading works by E. Nesbit, Margaret Atwood, Ursula K. LeGuin, and of course, your current favorites. We'll read lots of short stories and at least two full-length novels. For your final project, choose to write an essay or your OWN creative story! Fantastic Lit is by and for Fantastic Women.

CRITICAL THINKING/PROBLEM SOLVING: A SEMINAR (Eleventh grade, 1 term, ½ credit, elective)

Note: Students in this course have to purchase 2 paperback SAT Study Guides.

This interdisciplinary course, taught by an English and a math teacher, provides students with the tools to successfully navigate the SAT. After receiving instruction in content areas, students take and analyze practice tests. In addition to providing strategies to refine the students' test-taking skills, the Critical Thinking component focuses on vocabulary, critical reading, usage, logic, editing, and composing the required essay.

CRITICAL THINKING/PROBLEM SOLVING: AN HONORS SEMINAR (Eleventh Grade, 1 term, ½ credit, elective)

Prerequisite: Invitation

Note: Students in this course have to purchase 2 paperback SAT Study Guides.

This interdisciplinary course, taught by an English and a math teacher, provides students with the tools to improve their PSAT scores and to successfully navigate the SAT. After receiving instruction in content areas, students take and analyze practice tests. In addition to providing strategies to refine the students' test-taking skills, the Critical Thinking component focuses on vocabulary, critical reading, usage, logic, editing, and composing the required essay.

HEALTH / PHYSICAL EDUCATION

Health is offered during the freshman year, but students may take it any year. Students need to take two terms of Physical Education to meet the graduation requirement.

HEALTH (All grade levels, 1 term, ½ credit, required)

Health is a one-term class. The course of study includes wellness, nutrition, alcohol and tobacco awareness, drug education, and sexually transmitted infections--including HIV and AIDS awareness. Red Cross certification in Adult, Child, and Infant CPR, as well as First Aid and AED training, is included in this course.

CONTEMPORARY ISSUES IN WOMEN’S HEALTH (Eleventh or Twelfth grade, 1 term, ½ credit, elective. This course does not satisfy the Health requirement for graduation)

Prerequisite: Health

This course provides students with a holistic understanding and approach to current themes in women’s health. Some topics include heart health, nutrition, exercise, mental health, and healthy relationships. Students evaluate websites, databases, periodicals, and current literature related to a variety of health issues. Assignments will be project-based, and guest speakers will provide expertise on a variety of subjects. Class discussions will enable Saint Ursula students to make positive decisions and healthy lifestyle choices.

PHYSICAL EDUCATION I (1 term, ¼ credit, fulfills half of PE requirement)

Physical Education 1 is designed for freshmen students and will satisfy half of the PE graduation requirement. This class focuses on both team and lifetime sports as well as personal fitness.

PHYSICAL EDUCATION: TEAM SPORTS (1 term, ¼ credit, fulfills half of PE requirement)

Team Sports is a class to learn rules, skills, and strategies of competitive sports that are played at the high school level. The class focuses on volleyball, basketball, flag football, soccer, hockey and softball and a variety of other sports. Cardio activities and strength training will be a component of this course.

PHYSICAL EDUCATION: LIFETIME SPORTS (1 term, ¼ credit, fulfills half of PE requirement)

Lifetime Sports is a class to learn rules, skills and strategies of individual sports. The class focuses on tennis, golf, bowling, badminton, pickle ball and a variety of other sports. Cardio activities and strength training will be an additional component of this course.

PHYSICAL EDUCATION: PERSONAL FITNESS (1 term, ¼ credit, fulfills half of PE requirement)

Personal Fitness is a work out class that helps tone your body and get you into great shape. The class focuses on cardio activities, strength training, pilates, yoga, step aerobics, and other forms of exercise to promote a healthy lifestyle.

MATHEMATICS DEPARTMENT

The following table shows possible class sequencing for a student in mathematics at St. Ursula Academy. Four credits of math during high school are required for graduation, 3 of which must include Algebra 1, Algebra 2, and Geometry.

Year	College Prep			Honors		
	Option 1	Option 2	Option 3	Option 1	Option 2	Option 3
Freshman	Algebra 1	Algebra 1	Algebra 1	Algebra 1 Honors	Algebra 1 Honors	Geometry Honors
Sophomore	Geometry	Geometry and Algebra 2	Geometry	Geometry Honors	Geometry Honors and Algebra 2 Honors	Algebra 2 Honors
Junior	Algebra 2	Pre-Calculus	Algebra 2	Algebra 2 Honors	Pre-Calculus Honors	Pre-Calculus Honors
Senior	Pre-Calculus and/or Probability and Statistics	Calculus Honors (see prerequisites) and/or Probability and Statistics	Algebra 3-- Trigonometry	Pre-Calculus Honors and/or Probability and Statistics Finite Math	Calculus AP or Calculus Honors and/or Probability and Statistics	Calculus AP or Calculus Honors and/or Probability and Statistics

ALGEBRA 1 (4 terms, 1 credit, required)

This course is taught on a skinny bell for the entire year.

The goal of Algebra 1 is to develop and extend problem-solving techniques, to recognize different situations and to apply appropriate methods to problem solving. This course introduces the concept of the variable. The focus is on operations; grouping, distribution, factoring, exponential laws, and radical properties. These are applied to simple equations and inequalities and extended to quadratic equations. Graphing in terms of x and y in the Cartesian plane is developed for linear and quadratic functions. Throughout the course the material is integrated into problem solving situations. *A graphing calculator is required.*

ALGEBRA 1 HONORS (4 terms, 1 credit, required)

This course is taught on a skinny bell for the entire year.

This course is designed for those students with a high aptitude in math and a strong background in pre-algebra. The focus is on deeper understanding of algebraic theory and its application to problems. The pace is deliberately quicker than the college-prep class. In addition to the topics taught in Algebra I, students will be expected to use real number properties and axioms in rigorous proofs of various properties, use quadratic equations to find maximum and minimum values, solve linear systems of equations and related problems in three variables, and solve radical equations with two radicals. Graphs of exponential functions will also be explored. *A graphing calculator is required.*

GEOMETRY (2 terms, 1 credit, required)

Prerequisite: Algebra I

This college-prep course includes the topics of classical geometry: relationships in triangles, right triangles, classification of polygons, congruence and similarity of polygons, angles associated with circles, symmetry, constructions with compass and straightedge, rotations, translations, reflections, dilations, areas of plane figures, and volumes of solid figures. The material will be used to solve a variety of problems, including algebraic. The emphasis will be on developing an axiomatic system of mathematics in order to further develop the student's logical thinking skills. To this end, proofs of theorems will be an important component of this class.

GEOMETRY HONORS (2 terms, 1 credit, required)

Prerequisite: Algebra I and teacher recommendation

This course will include all of the topics covered in Geometry but will move at a more rapid pace. The student will also be expected to complete more difficult problems and proofs. The Geometer's Sketchpad program will be used extensively in order for students to make inductive discoveries in geometry. Additional topics apart from Geometry would be: combinations of rotations, translations, reflections, and dilations, and, also, tessellations. A variety of projects will also be used to apply geometry to non-traditional topics.

ALGEBRA 2 (2 terms, 1 credit, required)

Prerequisite: Geometry

This course reviews and extends the concepts of Algebra 1. Linear and quadratic functions are emphasized even more, and polynomial, exponential, logarithmic functions and the conic sections are also introduced. There is also greater emphasis placed on the relationship between equations and their graphs so that the graph may be used to interpret what is happening in a problem. If time permits, sequences and series will be introduced. *A graphing calculator is required.*

ALGEBRA 2 HONORS (2 terms, 1 credit, required)

Prerequisite: Geometry and teacher recommendation

This course continues the advanced preparation of students with high math aptitude and interest. It reviews and extends the concepts of Algebra 1 Honors. The focus is on a deeper understanding of the theories and their applications, but will also stress the relationship of equation to graph. One of the goals of the course is to help select and prepare students for the Calculus AP course. Successful students should not only have aptitude, but interest and commitment. Objectives beyond the college prep curriculum include working with determinants to solve linear equations in two and three variables. *A graphing calculator is required.*

ALGEBRA 3/TRIGONOMETRY (Twelfth grade, 2 terms, 1 credit, elective)***Prerequisite: Algebra II***

This class is for seniors who wish to continue in their mathematics education but do not wish to take Precalculus. The course will continue to develop the algebra skills necessary for college, concentrating on linear equations, linear functions, polynomial functions, rational functions, exponential functions, and logarithmic functions and their applications. The course will continue with a study of trigonometric functions and their applications. Students who take this course are not eligible to take Pre-calculus later.

PRE-CALCULUS (2 terms, 1 credit, elective)***Prerequisite: Algebra II***

This college-prep course prepares the student for a transition to college-level mathematics courses. The course will cover two main topics—Analytic Geometry & Trigonometry. In the analytic geometry portion, the students will learn about the characteristics of the graphs of several basic function types including polynomial, rational, exponential, and logarithmic. The student will also learn about the applications of these functions. In the trigonometry portion, the student will learn about the six trig functions, including characteristics of the graph of these functions, right triangle definitions, unit circle definitions, and applications of both right and non-right triangles. *A graphing calculator is required.*

PRE-CALCULUS HONORS (2 terms, 1 credit, elective)***Prerequisite: Algebra II and teacher recommendation***

This is a very demanding course both in content and amount of work involved. Students who successfully complete this course will be able to rise to the demands of the Advanced Placement Calculus class. This course will take all of the concepts in the college prep Pre-Calculus class and examine them in more detail. Special emphasis will be given to the trigonometric functions and their applications. In addition, there will be more emphasis on applying functions to actual situations through the use of written projects. Additional topics include polar coordinates and regression analysis. *A graphing calculator is required.*

PROBABILITY AND STATISTICS (Eleventh or Twelfth grade, 1 term, ½ credit, elective)***Prerequisite: Algebra II***

This course covers the various aspects of descriptive statistics including histograms, mean, median and mode, stem-and-leaf diagrams, variance, mean deviation, standard deviation, T-scores, and z-scores. In addition, elementary probability and probability distributions are covered.

FINITE MATHEMATICS (11th or 12th grade, 1 term, ½ credit, elective)***Prerequisite: Precalculus or may take simultaneously with Precalculus***

This course is intended for students who have completed Precalculus and do not wish to take Calculus or students who wish to have additional math credits. The course will cover sequences and series, both arithmetic and geometric. Students will learn to find specific terms in a sequence, find sums of sequences (series), and relate sequences to linear and exponential functions. The course will also cover matrices, matrix operations, and applications of matrices. If time permits, parametric equations will be introduced. *A graphing calculator is required.*

HONORS CALCULUS (Twelfth grade, 2 terms, 1 credit, elective)***Prerequisite: Pre-calculus and teacher recommendation. Pre-calculus CP students need to have an A average.***

This course is intended to provide an introduction to the concepts of Calculus that would be found in a college course. The student will learn the various techniques of differentiation and applications of the derivative. In addition, some of the techniques of integration will be explored, along with applications to area and volume of non-regular figures. This course will provide a background in calculus so that students will have some exposure to the basic ideas before they take a college level course. *A graphing calculator is required.*

CALCULUS - ADVANCED PLACEMENT (Twelfth grade, 3 terms, 1.5 credits, elective)

Prerequisite: Pre-calculus Honors and teacher recommendation

This course is designed for those students who have completed the honors program and have demonstrated aptitude, interest, and commitment. The course follows the AP Calculus AB syllabus, as published and revised by the College Board. Differential calculus is introduced with the concept of the instantaneous limit of the function. It is used to define the derivative. Derivative rules are developed for various functions and combinations of functions. The concepts of differentiability and continuity are developed. Wide ranges of applications of the derivative are explored. Integral calculus seeks to reverse the differentiation process. Integration techniques are developed and applied to the definite integral to find lengths of curves, areas, volumes, and average values. One of the goals of the course is to have each student take the AP Calculus Exam in May and score 3, 4, or 5. Most universities accept these results as a completed course. There is an additional arrangement with Xavier University where the students take tests all year and receive credit directly upon satisfactory completion. *A graphing calculator is required.*

CRITICAL THINKING/PROBLEM SOLVING: A SEMINAR (Eleventh grade, 1 term, ½ credit, elective)

Note: Students in this course have to purchase 2 paperback SAT Study Guides.

This interdisciplinary course, taught by an English and a math teacher, provides students with the tools to successfully navigate the SAT. After receiving instruction in content areas, students take and analyze practice tests. In addition to providing strategies to refine the students' test-taking skills, the Critical Thinking component focuses on vocabulary, critical reading, usage, logic, editing, and composing the required essay.

CRITICAL THINKING/PROBLEM SOLVING: AN HONORS SEMINAR (Eleventh grade, 1 term, ½ credit, elective)

Prerequisite: Invitation

Note: Students in this course have to purchase 2 paperback SAT Study Guides.

This interdisciplinary course, taught by an English and a math teacher, provides students with the tools to improve their PSAT scores and to successfully navigate the SAT. After receiving instruction in content areas, students take and analyze practice tests. In addition to providing strategies to refine the students' test-taking skills, the Critical Thinking component focuses on vocabulary, critical reading, usage, logic, editing, and composing the required essay.

ACCOUNTING (Eleventh or Twelfth grade, 1 term, ½ credit, elective - cannot be used to satisfy the math graduation requirement.)

This course is an introduction to the principles and methods of accounting. The course will emphasize the underlying basic procedures in setting up and operating a small business accounting system. Students will learn the skills necessary for the handling of the financial records of a small business, including data processing and filing federal tax returns for a small business.

NOTE: To Remain in Math Honors Classes: To determine a recommendation to remain in honors classes for the next math course, teachers will examine the student's following 4 grades from the current class—2 midterm grades and 2 end-of-term grades. If any two of these grades are below 80% (B-), the student will not be recommended to remain in the honors level. The student will remain in the current honors class until completion.

Example:	First midterm	90
	First term	85
	Second midterm	79
	Second term	92

Since only one grade is below 80% the student will be recommended for honors.

Example:	First midterm	79
	First term	82
	Second midterm	77
	Second term	95

Since two grades are below 80% the student will not be recommended for honors.

MUSIC DEPARTMENT

St. Ursula Academy offers a full four-year program. The chart below outlines the sequence of courses and the various options a student may choose.

Year	Vocal Music	Instrumental Music	Music Theory & Composition
Freshman	<ul style="list-style-type: none"> Freshman Chorus 	<ul style="list-style-type: none"> Orchestra 	
Sophomore	<ul style="list-style-type: none"> Concert Choir SUAVE 	<ul style="list-style-type: none"> Orchestra Guitar 1 Guitar 2 Beginning Piano 	
Junior	<ul style="list-style-type: none"> Concert Choir SUAVE 	<ul style="list-style-type: none"> Orchestra Guitar 1 Guitar 2 Beginning Piano 	<ul style="list-style-type: none"> Music Theory & Composition
Senior	<ul style="list-style-type: none"> Concert Choir SUAVE 	<ul style="list-style-type: none"> Orchestra Guitar 1 Guitar 2 Beginning Piano 	<ul style="list-style-type: none"> Music Theory & Composition

FRESHMAN CHORUS (Ninth grade, 4 terms, 1 credit, elective)

This class meets on a skinny bell for the entire year.

Freshman Chorus meets every day throughout the school year and performs for a variety of school events including the Christmas and Spring Concerts. Vocalists will learn proper vocal and choral techniques, as well as how to sight-sing and read music while studying music of various styles such as pop, classic rock, musical theatre, folk, world, seasonal, sacred and classic. No experience is necessary and no audition is required.

ORCHESTRA "SUASO" (All grades, 4 terms, 1 credit, elective)

Prerequisite: Previous Playing Experience on an Orchestral Instrument; Permission of the Director

This class meets on a skinny bell for the entire year.

SUASO meets every day throughout the school year and is available to freshmen, sophomores, juniors, and seniors who play an orchestral instrument, including strings, woodwinds, brass, and percussion -- including piano. Electric bass guitar players are also welcome! This course focuses on developing good ensemble technique while studying music from a variety of styles and genres, such as classic rock, themes from movies and TV, jazz, musical theatre, seasonal, as well as music from the Baroque, Classical, Romantic, and Contemporary periods. SUASO performs in the Christmas and Spring Concerts and accompanies for special SUA events, including Graduation.

CONCERT CHOIR (Tenth, Eleventh and Twelfth grade, 4 terms, 1 credit, elective)

This class meets on a skinny bell for the entire year.

This class meets all year and is for the singer who wishes to participate in performances throughout the school year, including the Christmas Concert and Spring Concert. More advanced literature in two, three, and four parts is studied. Vocal and choral techniques are further developed in this course.

VOCAL ENSEMBLE, SUAVE (Tenth, Eleventh and Twelfth grade, all year, 1 credit, elective)

Prerequisite: Audition, Previous Membership in Music Department Ensemble

This class meets Monday through Thursday from 3:00—4:00 PM

The St. Ursula Academy Vocal Ensemble (SUAVE) is a select ensemble of 9-12 vocalists. SUAVE performs a variety of music for the Christmas Carol Program and Spring Concert, and tours extensively in the Tri-State area. The ensemble also participates in music festivals and competitions out-of-town each year. Students selected for membership in this award-winning group are expected to be serious choral singers with well-developed sight-singing and basic musicianship skills. They must be willing to devote numerous hours to rehearsing and performing. Private voice lessons are highly encouraged for students who are members of SUAVE.

GUITAR 1 (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Beginning Guitar is a course that will introduce the basics of guitar playing to interested sophomores, juniors, and seniors. Students will learn how to read traditional musical notation as well as guitar tablature and chord symbols. Both pick-style and finger-style techniques will be used to play popular songs, folk songs, and classical music. Students will also learn to play in an ensemble and will perform in a concert at the end of the term. Guitars are provided for students to use during class time; students will need to have a guitar to practice at home, preferably a 6-string (nylon or steel) acoustic guitar.

GUITAR 2 (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Guitar 1 and/or permission of instructor

Guitar would build on the students' prior knowledge of music notation and ensemble playing skills developed in the Beginning Guitar course. There would also be a greater emphasis on playing popular songs of the students' choosing, as well as on the further development of basic guitar technique. The primary focus of the course would be on playing in small ensembles and working toward performances, including both classical chamber music and rock band ensembles.

MUSIC THEORY & COMPOSITION (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Beginning Piano; Permission of the Music Director.

In this course students learn the basic building blocks of music for the purpose of composing music. A variety of computer software programs will be used in this course for writing, analyzing, arranging, notating, and recording music. This class is highly recommended for students who desire a greater depth of understanding of music and for those students who plan to major or minor in music in college.

BEGINNING PIANO (Tenth, Eleventh and Twelfth grades, 1 term, ½ credit, elective)

This course is designed for students who wish to learn to play piano keyboard. Students will learn fundamental playing techniques as well as how to read musical notation. A variety of musical styles will be studied while learning the basic principles of music construction. Students will learn to play solo as well as in ensembles and will present a recital at the end of the term.

RELIGION DEPARTMENT

URSULINE STUDIES: In Good Company: Learning and Living the Spirit of St. Angela Merici

St. Ursula Academy has created a four-year program of Ursuline studies entitled In Good Company: Learning and Living the Spirit of Angela Merici. This series of lessons and activities is integrated into the Religion curriculum.

Freshman Year: Learning Part 1: Becoming Familiar with Angela Merici

The program begins with the story of Angela Merici (1470-1540), a woman whose life and vision were extraordinary in their simplicity. Consideration will be given to the significant people in her life as well as to the cultural and societal realities of the world of Northern Italy where she lived. How did these individuals and this world impact on her? Special focus is given to what inspired her to found "The Company of St. Ursula," later known as the Ursulines. What was so remarkable about this woman? What can her story offer to Christians today?

Freshman Year: Learning Part 2: Becoming Familiar with St. Ursula Academy

In this part of the program students learn the story of their school. The history of St. Ursula Academy and Convent begins with a guided walking tour of the campus. Back in the classroom students have

opportunity to explore topics surfaced on the campus journey. Time is devoted to the stories of the sisters who were key in the founding of St. Ursula Academy in 1910: Mother Fidelis Coleman and Mother Baptista Freaener. Other topics to be covered include the Ursuline Coat of Arms, the Nine Ursuline Characteristics and the Mission Statements of both St. Ursula Academy and the Ursulines of Cincinnati.

Sophomore Year: Living Part 1: Ursulines of the Past

The story continues with a segment on St. Ursula and her Companions. Why did Angela Merici choose to name her community after this saint? Then Living Part 1 focuses on the lives of members of The Company of St. Ursula who have gone before us. How has the spirit of Angela Merici been lived by women of previous centuries? Students will be introduced to the lives of Marie Guyart (1599-1672) a mystic, wife and mother who lived in France and Canada; Elisabetta and Maddalena Girelli who lived in Italy in the nineteenth century and refounded The Company of St. Ursula in the spirit of Angela's original vision; Blandine Merten (1883-1918) an Ursuline of exceptional humility and simplicity from Germany; Ursula Ledochowska (1865-1939) from Poland who was the foundress of the Grey Ursulines. Special attention is given to Julia Chatfield (1809-1878) from England and France who is the foundress of the Brown County (Ohio) Ursulines from whom the Ursulines of Cincinnati are descended.

Junior Year: Living Part 2: Ursulines of the Present

The program now turns to the contemporary ministry of the Ursulines. How are Ursulines today living out the spirit of their foundress, Angela Merici? Ursuline sisters will visit to share about their various ministries with the hope of inspiring the students to be women for others, women of service. Students will research the lives of Sr. Dorothy Kazel (1939-1980) an Ursuline from Cleveland and other Ursuline sisters who gave their very lives (martyrs) for the sake of the Gospel. What was stirring in the hearts of these women that moved them to use their gifts so generously? Students will be asked to consider how Angela Merici would serve today in the new millennium. Keeping in mind that commitment to Christian service is one of the Ursuline Characteristics, students will reflect on the place of service in their own lives today. How and where can I challenge myself to grow in service? Students will be guided through a service learning experience by the staff of St. Ursula Academy's Community Service Office.

Senior Year: Living Part 3: Ursulines of the Future

The concluding part of the program returns to Angela Merici to reflect on her spirituality. Using the writings of Angela (Counsels, Testament, and Rule) students will seek to uncover the heart and soul of this woman of the Gospel. How did she uniquely respond to the call of Jesus? How will her life inspire me as I too seek to answer the Master's call? St. Ursula Academy alums will visit to share how Angela Merici has made a difference in their lives. These presentations will be a spark for discussion on what it means to be a member of the SUA community/company. What is my place in the sisterhood? How am I a member of the Company now? How can I live and share the spirit more fully? Reflecting again on the life of Marie Guyart (Blessed Marie of the Incarnation) students will seek to identify in her life the vision/spirit of Angela Merici. What were the challenges of living the spirit in her time? And what will be the challenges that I face in living the spirit of Angela Merici today?

RELIGION 1 (Ninth grade, 2 terms, 1 credit, required)

Term 1 – HEBREW STUDIES

Understanding the Scriptures provides a basis for developing a Christian perspective toward life. Our understanding of God begins with the Hebrew Scriptures, examining the many facets of God's revelation to all people: in creation, in God's dealings with the Chosen People, and in God's promise of a Savior. Included in the course work are such topics as: Introduction to the Hebrew Scriptures; Scientific vs. Religious Truth; Creation and Sin; the Patriarchs; Moses, the Exodus, and the Sinai Covenant; the Nation formed under Joshua, the Judges and the Kings; the Prophets; the Wisdom Literature.

Term 2 – CHRISTIAN TESTAMENT

Continuing her study of the Scriptures, the student now turns to the experience of Jesus and the development of the Christian community. Through this course, the student will gain a better understanding of how the Christian Testament was written for and by, and what it means for us in today's world. Special emphasis is given to the study of each of the four Gospels. A brief examination of Acts of the Apostles, the Epistles, and the Book of Revelation is also included.

RELIGION 2 (Tenth grade, 2 terms, 1 credit, required)

Term 1 – CHURCH: The study of the Church is a continuation of the study of Salvation History examined in the two Scripture courses. The course is designed to help the student define what the Church is, based on a study of where it has been. This will lead to an understanding of the ideal Church and the responsibility of each member to make that ideal a reality. Much of this course deals with the history of the Catholic Church and includes units on: the Early Church, the Post-Apostolic Church, the Church in the Dark and Middle Ages, the Reformation, the Second Vatican Council and the Church today. The course will also present women role models in preparing the student to exercise leadership in the Church in a changing world.

Term 2 – FAITH AND SACRAMENTS: Students explore sacramental theology and practice by developing an awareness of the grace to recognize God's presence in their life and to celebrate God's gifts in the ritual and spirit of the sacraments with the Christian community. Students will be challenged to make God visibly and tangibly present to the world as they carry on the work of Jesus serving others and finding new life through the paschal mystery.

RELIGION 3 (Eleventh grade, 2 terms, 1 credit, required)

Term 1 – MORALITY: This course explores the meaning of right and wrong in the student's life, examining the major principles of Catholic morality and Church teaching on key moral issues. The content provides the student with a systematic and thorough approach to conscience formation and the moral decision-making process. The course explores the question of how one knows what is good. In the Christian perspective, there are norms upon which the decisions are based. Further questions that are explored include: What is it that we can learn from Jesus? How do I make a decision? What does it mean to be a free human being, particularly in light of the Christian perspective on sexuality, judgment, forgiveness, and responsibility to self, neighbor, and God?

Term 2 – SOCIAL JUSTICE: One must not only struggle with her own moral choices, she must also critically study, evaluate, and respond to the many issues of injustice in society. In this course, the student will learn the principles of justice and peace, and apply them to current issues as she is challenged to build a better world. The course discusses the dignity of all human beings, basic rights and needs, solidarity, subsidiarity, and social structures. It deals with such issues as Prejudice, World Poverty and Hunger in America, Capital Punishment, Stewardship of the Environment, Violence, and Peace. Using resources such as speakers from local social service agencies, current films and publications, and experiential learning activities, the student will come to a fuller realization of her Christian response to some of the problems facing her in today's world. By recognizing and appreciating the dignity and self-worth of each individual, she will begin to see the commonality of all humanity and her responsibility to help create a more just world.

RELIGION 4 (Twelfth grade, 2 terms, 1 credit, required)

Christian Lifestyles and Prayer or World Religions is needed to complete the senior year religion requirement.

CHRISTIAN LIFESTYLES (Twelfth grade, 1 term, ½ credit, required)

The required course of the senior year considers how to create a Christian lifestyle. This course deals with freedom and self-actualization, and attempts to bring the student to an understanding of herself as a Christian woman aware of her God-given potential as it is experienced in contemporary society. By taking a critical look at her own life as well as the lives of others, the student will discover the innate goodness and potential within each person. By looking to Jesus Christ as the ideal role model, the student will discover those areas in her life she needs to especially develop as she grows toward a future that is hopeful, healthy, and full. Topics included are: Dreams and Visions of Your Future; Identity and Autonomy; Love and Sexuality; Communication Skills; and an examination of the three lifestyle choices: Single Life, Religious Life, and Married Life.

PRAYER (Twelfth grade, 1 term, ½ credit)

This course is designed to help the student explore the possibility of a deeper spiritual life and a closer relationship to God through prayer and the Catholic tradition. Content will include a study of what prayer is, kinds of prayer, relating to God, prayer styles, and techniques and methods in prayer. Emphasis in this course will be on student input and experience, with much time given to reflection, discussion, various

student and teacher planned prayer experiences, and student presentations. An openness to a belief in God and appreciation and respect for Catholic and Christian traditions are prerequisites for this course.

WORLD RELIGIONS (Twelfth grade, 1 term, ½ credit)

This course explores the role of RELIGION in the lives of human beings, specifically as experienced by men and women of the major religious traditions. Through a brief study of Hinduism, Buddhism, Confucianism, Taoism, Islam and Judaism, we will seek to understand why human beings need religion and spirituality in their lives. This course will also place emphasis on the experiential components of religious life instead of the perspective of just belief or doctrine. Students taking this course must be interested in reflecting and building upon their own religious experience as well as listening to the experience of others.

MORAL ISSUES IN LITERATURE AND FILM (Eleventh and Twelfth grade, 1 term, ½ credit elective)

Prerequisite: *Morality*

This course will encourage students to think critically about controversial issues in Christian morality and social justice. The issues covered may include: capital punishment, genetic engineering, abortion, euthanasia, war, and cloning. Students will approach these issues through the mediums of novels, short stories, and films, such as *Dead Man Walking*, *As I Lay Dying*, and *My Sister's Keeper*. The course will be mostly discussion-based.

SCIENCE DEPARTMENT

The following chart shows the sequence of courses for the Science Department. Biology, Chemistry and one other laboratory science are required for graduation.

	College Preparatory	Honors & Advanced Placement
Freshman Year	Physical Science	Honors Physical Science & Honors Biology
Sophomore Year	Biology <i>Electives</i>	Honors Chemistry <i>Electives</i>
Junior Year	Chemistry <i>Electives</i>	AP Biology AP Chemistry <i>Electives</i>
Senior Year	Physics Anatomy & Physiology AP Environmental Science <i>Electives</i>	Honors Physics AP Physics B <i>Electives</i>

PHYSICAL SCIENCE (Ninth grade, 2 terms, 1 credit, required)

This first year course is designed to introduce key concepts, theories and skills that will prepare students for future science courses in Biology, Chemistry and Physics. Course content will include the study of the properties and classification of matter, atomic models, organization of the periodic table, chemical bonding, types of chemical reactions, balancing equations, basic inorganic nomenclature, the mole, acids and bases, forms of energy, Laws of Thermodynamics, Newtonian motion, and forces. Students develop laboratory, critical thinking, and problem solving skills through the application of the scientific method.

PHYSICAL SCIENCE HONORS (Ninth grade, 2 terms, 1 credit, required)

Prerequisite: *Permission of the department*

Physical Science Honors covers the same topics as Physical Science, in greater depth, at a more rapid pace, and the expectations placed on the Honors student are greater. The course offers a broader scope and includes the additional chemistry topics of mole concept and nomenclature.

BIOLOGY (Tenth grade, 2 terms, 1 credit, required)

Prerequisite: *Physical Science*

Biology is designed to provide students with a broad view of the biological sciences, and to help them develop an appreciation of life in its oneness and variety. Inquiry based learning fosters an increased awareness of the complexity and beauty of human life in itself and in its multiple relationships with other life and the environment. Laboratory activities facilitate the development of critical thinking and sound laboratory skills. Biology includes the following topics: scientific method, molecular evolution of life, cytology and bioenergetics, genetics, survey of living things, and ecology. The course emphasizes molecular and evolutionary aspects as unifying themes.

BIOLOGY HONORS (Ninth grade, 2 terms, 1 credit, required)

Prerequisite: Honors Physical Science or permission of the department

Biology Honors covers the same topics as Biology. The course differs in that topics are pursued to a greater depth and at a more rapid pace and the expectations placed on the honors student are greater.

CHEMISTRY (Tenth and Eleventh grade, 2 terms, 1 credit, required)

Prerequisite: Biology

Chemistry presents the structure and changes that occur in matter along with the associated energy changes. It studies the basic theories and laws of chemistry and topics such as stoichiometry, atomic structure, the periodic table, the chemical bond, nomenclature, Kinetic Molecular Theory, energy, thermodynamics, molecular geometry, the structure of solids, liquids and gases, changes in state, kinetics and solutions. Through extensive laboratory work, students develop safe laboratory technique and formal laboratory reporting. In the laboratory, direct observation and measurement lead to the discovery, development and further understanding of basic principles discussed in class. The use of mathematical and graphical means to analyze laboratory results is an important part of this course.

CHEMISTRY HONORS (Tenth grade, 2 terms, 1 credit, required)

Prerequisite: Biology Honors or permission of the department

Chemistry Honors is an accelerated course. The course covers the same topics as College Preparatory Chemistry as well as advanced topics such as electrochemistry. Information is given in greater depth and the mathematical concepts are more complex.

AP BIOLOGY (Eleventh and Twelfth grade, 3 terms, 1½ credit, elective)

Prerequisite: Permission of the Department

AP Biology is designed for students who have successfully completed Biology 1 and Chemistry and provides an in-depth sequence to Biology 1. The course seeks to further develop inquiry and laboratory skills, to foster individual research, to provide the conceptual framework and factual knowledge needed to understand current developments in the biological field, and to adequately prepare the students for the AP biology exam. Students supplement class material through the use of a variety of textbooks and the reading of current scientific journals. Laboratory exercises require individual research of topics, teamwork, skills to carry on lengthy procedures and the ability to report findings both orally and in writing.

AP CHEMISTRY (Eleventh and Twelfth grade, 3 terms, 1½ credit, elective)

Prerequisite: Permission of the department.

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students will attain a deeper understanding of fundamentals and increased competence in dealing with chemical problems. The course will contribute to the development of the student's abilities to think critically and to express her ideas with clarity and logic. This course differs qualitatively from the Chemistry Honors course with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principle, as well as the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by the student, and the nature and variety of experiments done in the laboratory. Topics such as the structure of matter, kinetic theory of gases, chemical equilibria, chemical kinetics, and basic concepts of thermodynamics will be presented in considerable depth.

AP ENVIRONMENTAL SCIENCE (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisites: Biology AND Chemistry

This AP course is designed to provide an introductory experience to foster an understanding of the interrelationships of the natural world. This course will examine natural and manmade environmental problems, and study possible solutions for resolving and preventing these problems. This laboratory science course takes an interdisciplinary approach to these topics and is designed to prepare students for the advanced placement examination which may fulfill a basic requirement for a laboratory science as first-year college students.

PHYSICS (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Chemistry AND concurrent/completion of Algebra 2.

Physics is a general survey physics course which will build a conceptual understanding of how physics shapes everyday life. Although math is necessary to explore the concepts of the physics, the course will emphasize the general laws, theories and application of this fascinating science. Topics include motion, mechanics, electricity, magnetism, light, atomic and nuclear physics. Labs will reinforce the concepts and will be related to real world applications.

PHYSICS HONORS (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Chemistry Honors AND concurrent/completion of Algebra 2 OR permission of the department

This course is designed to develop an understanding of the principles underlying the interaction of matter, the resulting motions, and the forces and energy involved. Physics is a study of both concept and math, this course requires a solid foundation in algebra and geometry as well as a basic knowledge of trigonometry; the mathematics of vectors is taught as needed. Topics covered are: kinematics and dynamics, momentum, energy, light, waves, electricity, and magnetism. Labs and activities will provide a hands-on perspective of the material covered.

AP PHYSICS B (Eleventh and Twelfth grade, 4 terms, 2 credits, elective)

Prerequisite: Permission of the Department AND concurrent with Pre-calculus

This elective course is offered to students who have demonstrated high interest and ability in both science and mathematics. An intensive course, incorporating two levels of study into one year; it is designed to prepare students for the Advanced Placement examination. Additional topics such as harmonic motion and wave theory expand the content of the college preparatory physics course. Similar topics are covered in greater detail and require the use of more complex mathematical concepts. Expectations on student initiative and performance also reflect the AP level of the course.

ANATOMY AND PHYSIOLOGY (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Prerequisite: Chemistry

The goal of this course is to discover how the human body works as it maintains the dynamic balance called life. Exploration of the relationship between anatomy (structure), and physiology (function), provide a foundation for the investigation of interactions between body systems. Knowing how body systems work together enables students to understand what it means to be a healthy individual as well as the impact of disease and stress. An integrated view of how the human body works is provided through laboratory investigations, lectures, inquiry-based activities, discussion, direct observation, and dissection. New technologies, therapies, and research are explored and analyzed. Practical applications and everyday examples are also used to show students the relationship between their own bodies and the real world of medicine and science.

ENGINEERING (Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Chemistry AND concurrent with CP Physics, Honors Physics, or AP Physics

Engineering is an introductory course introducing students to all fields of engineering and the opportunity to explore several disciplines through hands-on projects. Past projects have included bridge design/building, chair design (including building a prototype), air foil design (aerodynamics), electrical circuitry, water filtration, and cosmetic chemistry. Also, students will learn the rudiments of computer-based mechanical drawing. If the opportunity presents itself, students will team with an outside company or organization to solve a real-world problem. Most engineering projects will involve extensive teamwork; however students will be graded both on teamwork and individual contributions.

FOOD AND NUTRITIONAL SCIENCE: YOU ARE WHAT YOU EAT (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: *Biology or Biology Honors*

This course will investigate nutrition and the human body. Human anatomy and physiology as they relate to food processing (ingestion, digestion, absorption and elimination), will be investigated. Essential nutrients including proteins, carbohydrates, fats, vitamins, and minerals will be explored. The detrimental effects of poor nutrition, from deficiency to disease, including obesity, diabetes, and heart disease will be examined. Our current infatuation with fast foods, trans-fats, high fructose corn syrup, and fad diets will be considered as a part of this examination. A goal of this course is to foster an understanding of the connection between nutrition and physical and spiritual health.

ORGANIC/BIOCHEMISTRY (Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: *Chemistry or Chemistry Honors*

Organic Chemistry is the study of carbon-containing compounds and their properties which play a vital role in the quest to understand living systems. Biochemistry is the chemistry of living systems. It is an exciting field which investigates important discoveries about how life is maintained and how diseases occur. The course will focus on the simplest classes of organic compounds and show how most other organic compounds are derivatives of these hydrocarbons. The biochemistry portion will concentrate on the major types of biomolecules that support life.

ROBOTICS (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

This will be a hands-on course in the building, design and programming of robots to prepare students for engineering and programming courses in college. The course will cover basic electronics, including soldering and wiring techniques, and move on to the use of sensors, solar cells, and motors. Students will also develop skills in programming, using language based and icon based software. The course will be hands-on, challenge based, and individually paced, so that students can develop their own robot designs and programming goals. Students can explore their interest in detail redesigning and improving their robots, or move on to more advanced topics as their interests and skills develop.

FORENSICS (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: *Physical Science*

This elective will develop hands-on laboratory skills. It will involve using problem solving skills, the collection of data, and analysis of data based on crime scene scenarios. Students will use techniques and lab methods found in chemistry, biology, physics and anatomy in their investigations.

INVERTEBRATE ZOOLOGY (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: *Physical Science or Geophysics AND Biology*

A study of the major invertebrate phyla of the animal kingdom emphasizing the study of the relationship between simpler and more complex organisms. The similarities and differences will be studied through many dissections in which students will observe the internal and external anatomy of various invertebrates and the physiology of systems and organs.

SOCIAL STUDIES DEPARTMENT

The following chart illustrates the required and elective courses offered by the social studies department.

	Required Courses	Elective Courses
Freshmen	Europe & the Middle East	No Electives
Sophomores	Africa, Asia, And The Americas <i>or</i> Honors Africa, Asia & the Americas	Bad Girls and Unruly Women Your Grandmother's Trunk
Juniors	United States History <i>or</i> AP United States History	Bad Girls and Unruly Women Your Grandmother's Trunk Cincinnati History Psychology

		AP Psychology
Seniors	American Government or AP United States Government & Politics Economics	Bad Girls and Unruly Women Your Grandmother's Trunk AP European History AP Psychology AP Macroeconomics Cincinnati History Psychology

EUROPE AND THE MIDDLE EAST (Ninth and Tenth grade, 1 term, ½ credit, required)

This is a survey course of world history and cultures of Europe and the Middle East from early times to the present. It is designed to encourage multi-cultural awareness, appreciation of art, and knowledge of important contributions to human progress, including the contributions of women.

AFRICA, ASIA, & THE AMERICAS (Tenth grade, 1 term ½ credit, required)

This is a survey course of world history and cultures, from early times to the present. The study includes eastern and western civilizations and the geography and culture of the areas. This course is the basis for later courses in the social studies sequence. It is designed to encourage multi-cultural awareness, appreciation of art, knowledge of important contributions to human progress, including the contributions of women.

HONORS AFRICA, ASIA & THE AMERICAS (Tenth grade 1 term, ½ credit, fulfills AAA requirement)

Prerequisite: Recommendation of the student's social studies teachers

This course emphasizes critical thinking and writing skills, especially in relation to primary source documents and it prepares the student for admission to the AP United States History course. This is a survey course of world history and cultures, from early times to the present. The study includes eastern and western civilizations and the geography and culture of the areas. This course is the basis for later courses in the social studies sequence. It is designed to encourage multi-cultural awareness, appreciation of art, knowledge of important contributions to human progress, including the contributions of women.

UNITED STATES HISTORY (Eleventh grade, 2 terms, 1 credit, required)

United States History traces and surveys the chronological development of the American nation. It is designed to develop in students an appreciation of the contributions of all American people in the building of the nation. It also should give students an appreciation of American democracy, opportunity, progress, and problems.

AP UNITED STATES HISTORY (Eleventh grade, 2 terms, 1 credit; fulfills US History requirement)

Prerequisite: Recommendation of the student's most recent social studies teacher and most recent English teacher.

This course is an enriched version of United States History. It follows generally the same scope and procedures, but emphasizes the use of primary documents and interpretations of historians. It demands more advanced research, writing, and discussion skills. The course also prepares the students to take the Advanced Placement test to earn college credit in American History.

AMERICAN GOVERNMENT (Twelfth grade, 1 term, ½ credit, required)

The students study American government at the federal, state and local levels. Emphasis is placed on the three branches of the government, the Constitution, voting, political parties, the electoral process, civil rights, social problems, foreign policy, and the history of their local area.

ECONOMICS (Twelfth grade, 1 term, ½ credit, required)

The American economic system is studied. Students will be presented with information on business and labor and its relation to our society. Basic economic terms and our monetary and fiscal policies are also studied. In addition, students will also be introduced to a number of personal finance issues that they could face after graduation. The topics could include budgeting, management of a checking account, use of credit cards, different means of savings (including savings accounts, mutual funds, stocks and bonds), different types of insurance and the filling out of income tax forms.

AP MACROECONOMICS (Eleventh and Twelfth grade, 2 terms, 1 credit, elective; fulfills Economics requirement)

Prerequisite: B+ or better in prior Social Studies and Math course; teacher signature

The AP Macroeconomics course is designed to help students develop an understanding and appreciation for the principles of economics as applied to the economy as a whole. The course will focus on the concepts and analytical skills necessary to understand the economy and how it works. An examination of the consequences of various approaches to solving economic problems will also be a part of this course. Lessons will include the study of such fundamental topics as: Unemployment, Inflation, Supply and Demand, Banking, Scarcity, Economic Growth, Global Economy, Opportunity Costs, Productivity, and National Income

AP UNITED STATES GOVERNMENT & POLITICS (Twelfth grade, 2 terms, 1 credit, elective; fulfills Government requirement)

Prerequisite: Recommendation from the Social Studies Department

This course is an enriched version of American Government. It generally follows the same scope and procedures, but emphasizes the use of court cases to justify our legal system. The students study American government at the federal, state, and local levels. This course demands more advanced research, writing and discussion skills. The course also prepares the students to take the Advanced Placement test to earn college credit in American Government.

AP EUROPEAN HISTORY (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

Beginning 2012-2013, this class will be offered every other year. It will not be offered in 2013-2014.

Prerequisite: Recommendation of the student's most recent social studies teacher and most recent English teacher.

European History AP is a college-level course introducing the student to the complexities of Western civilization from the end of the Middle Ages to the 1990's. The focus of the course is on the history of Europe and the interaction of Europeans with the rest of the world. Areas of concentration include cultural and social history as well as a chronological survey of political events. The primary course objective is to enable the student to begin to understand the historical context of current social, political, and economic affairs. Other objectives include the development of a student's ability to read critically, and to write and to speak with precision and clarity. In addition to the textbook, *A History of the Modern World* by Palmer and Colton, the student must read selected primary sources and several articles from scholarly journals. The course also requires a summer reading assignment of one book, *A World Lit Only by Fire* by William Manchester, and several short colloquies by Erasmus. Based upon the reading, the student must also write an essay to be submitted on the first day of class. Typically, the quarter grade will be based upon four essays and two tests. The AP test is required.

AP PSYCHOLOGY (Eleventh and Twelfth grade, 2 terms, 1 credit, elective)

The goal of Advanced Placement Psychology is to provide the student with a course similar to that of an introductory college course. It surveys the scientific study of human behavior and mental processes. Students learn about ethics and methods, as well as theoretical approaches to behavior and important historical figures in the field.

GRANDMOTHER'S TRUNK: A Look at Immigration through Our Grandmother's Eyes! (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

History is the story of a people and what better way to study history than by studying your family's story! Explore your family's story by learning about your grandmother's life journey. Learn about immigration patterns in the US past and present, explore your genealogy, look at census records, understand cultural traditions, and find out the challenges and triumphs grandma faced along the way.

BAD GIRLS AND UNRULY WOMEN (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

How did American women achieve the status that they have today? They did it by standing on the shoulders of "Bad Girls and Unruly Women". This new history course will focus on those American women who were brave enough to step out of their prescribed roles and dared to dream that women could be more than "birds in a gilded cage".

CINCINNATI HISTORY (Eleventh and Twelfth grade, 1 term, ½ credit, elective)

This course will provide students an in-depth study of local history. Areas of emphasis will include early settlement, the diversity of the populace, the Ursuline heritage, sports and leisure, the arts and architecture, mass transit, political history and current problems. A series of off campus field trips will be utilized to enhance the student's understanding of the rich heritage of this Gateway to the West.

PSYCHOLOGY (Eleventh and Twelfth grade, 1 term, ½ credit, elective)

This course will provide exposure to the foundations of Psychology through a study of the basic concepts of the science of the mind and human behavior. Content will include the history of psychology, learning and cognition, memory and thought, sensation and perception, motives and emotions, as well as personality theories.

THEATRE DEPARTMENT

St. Ursula Academy offers a full four-year program. The chart below outlines the sequence of courses and the various options a student may choose.

Year	Performance Course	Technical Theatre
Freshman	<ul style="list-style-type: none"> • Freshman Acting (2 term course) 	<ul style="list-style-type: none"> • Technical Theatre
Sophomore	<ul style="list-style-type: none"> • Fundamentals of Acting • Scene Study & Performance 	<ul style="list-style-type: none"> • Technical Theatre
Junior	<ul style="list-style-type: none"> • Fundamentals of Acting • Scene Study & Performance • Styles of Acting • Music Theatre Workshop 	<ul style="list-style-type: none"> • Technical Theatre
Senior	<ul style="list-style-type: none"> • Fundamentals of Acting • Scene Study & Performance • Styles of Acting • Directing Lab • Music Theatre Workshop 	<ul style="list-style-type: none"> • Technical Theatre

FRESHMAN ACTING (Ninth grade, 2 term, 1 credit)

A course designed to develop basic skills in performance, interpretation and criticism of the craft. The student will develop an understanding of the role theatre has played in history and contemporary life. This course will give students experience on stage so that they may understand the demands of rehearsal and performance. It is hoped that by the end of Freshman Acting students will have an understanding of the requirements of the craft of acting and have developed confidence to approach the craft with discipline and success. Each term will end with a performance Exam for family and friends.

FUNDAMENTALS OF ACTING (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

A one-term course designed to develop knowledge and basic skills in performance, interpretation and criticism of the craft. The student will have an understanding of the role theatre has played in history and in contemporary life. Performing is a key element of this course. The term will end with a performance exam for family and friends.

SCENE STUDY (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: *Freshman Acting or Acting 1*

This one term course is designed to continue the development of performance skills. Students will learn how roles are created, perfected, and sustained. The Performance exam consists of scenes from scripted plays.

DIRECTING LAB (Twelfth grade, 1 term, ½ credit, elective)

Beginning 2012-2013, this class will be offered every other year. It will not be offered in 2013-2014.

Prerequisite: *Freshman Acting (and or Fundamentals of Acting) and Scene Study*

What happens on stage during a play or musical is achieved through careful analysis, detailed planning and rehearsal. Students in this class will have the opportunity to direct student actors. Directing students will have the opportunity to choose a script, interpret its meaning, and form an artistic vision of the show. The class will conduct auditions, rehearse actors, and present the final product for an audience of family and friends.

PRINCIPLES OF TECHNICAL THEATRE (Tenth, Eleventh and Twelfth grade, 1 term, ½ credit, elective)

In this class students will be introduced to the basics of the elements make up theatrical designs and how all those elements work together to form a theatrical production. The disciplines that will be covered include: stagecraft/set design, sound design, light design, properties design, hair & make up design, stage management, directing & producing. The components of the class would include an informational lecture section, guest speakers, hands on activities that put the information learned to practical use and quizzes over the material covered. Off site field trips to up to three different theatre spaces will be included to help students identify the technical theatre in many venues

MUSIC THEATRE WORKSHOP (Eleventh and Twelfth grade, 1 term, ½ credit, elective)

Prerequisite: Successful completion of Freshman Acting, Acting 1, 2, and 3 or recommendation of teacher

This upper level course is designed for the serious theatre student. The class includes music, dance and acting as well as exploration of the performers, directors, choreographers, composers, and designers whose artistic contributions gave rise to and established the global popularity of the Broadway musical. Students will learn to understand the text of the music as well as movements appropriate to song. The term will end with an evening musical showcase performance for parents and friends.

WORLD LANGUAGES DEPARTMENT

The chart below represents a typical sequence for students beginning their foreign language study in high school. Students with previous experience may test ahead. Students are required to have at three credits of one foreign language. Students may choose to take the fourth or fifth levels as electives, or may take an additional language after completing the Level 3 course.

Grade Level	Level of study	Languages Offered	College Prep/Honors
Freshmen	Level 1	French, Latin, or Spanish	College Prep
Sophomores	Level 2 & Level 3	French, Latin, or Spanish	College-Prep
Juniors	Level 4 & Level 5	French, Latin, or Spanish <i>approval required</i>	College Prep & Honors for Level 4; AP for Level 5
Juniors/Seniors	May choose a second language		

FRENCH 1 (4 terms, 1 credit)

This course is taught on a skinny bell for the entire year.

French 1 is an introduction to French grammar and vocabulary as a means to the development of communication skills in speaking, reading, writing, and listening. Sentence structure, answering and asking questions and vocabulary building are mastered as the building blocks in learning to communicate in French. In addition to the emphasis on learning to speak, write, read, and listen to French, students are introduced to the francophone world, with a particular focus on France and the capital city of Paris

FRENCH 2 (2 terms, 1 credit)

French 2 builds upon the vocabulary and structures learned in French 1. The student's communication skills are built upon an expanded foundation of vocabulary and more complicated grammatical structures. During the course of the semester, English is phased out and replaced by French. Francophone culture continues to be explored, while basic cultural information is conveyed. The ultimate goal is to enable

students to appreciate the rich variety of cultures in the French-speaking world while enabling them to use the language in a very real sense.

FRENCH 3 (2 terms, 1 credit)

Conducted primarily in French, this course assumes basic proficiency in listening, speaking, reading, writing, grammar and vocabulary. Building on this basis, more complex grammar is presented while further developing communication skills in all areas. Knowledge of francophone culture is expanded to include the areas of literature, history, art, and film.

FRENCH 4 CONVERSATION (2 terms, 1 credit)

Prerequisite: B average or better in French 3 and teacher recommendation based on motivation, consistent performance and a positive attitude.

This course concentrates on the further development of oral and written expression, listening skills and a review of the basics. Vocabulary building, continued grammar instruction, group conversation, culture, art and literature are integral to the course.

FRENCH 4 HONORS (2 terms, 1 credit)

Prerequisite: A- average or better in French 3 and teacher recommendation based on motivation, consistent performance and a positive attitude.

Conducted primarily in French, this course includes continued grammar instruction; reading and discussion of literary selections; writing unified essays; and further exploration of francophone culture, art, music and history.

AP FRENCH LANGUAGE AND CULTURE (2 terms, 1 credit)

Prerequisites: a consistent A- average or better in French 4 Honors and teacher recommendation based on outstanding verbal skills, strong self-motivation, ability to self-instruct as needed, a disciplined work ethic and a positive attitude.

In preparation for the Advanced Placement Exam in French Language, this fast-paced, intensive course is designed to develop a high degree of competency in reading, writing, listening and speaking.

ADVANCED FRENCH HONORS SEMINAR (2 terms, 1 credit)

Prerequisites: Successful completion of French 4 Conversation, French 4 Honors and/or French 5/AP in grades 10 or 11 and teacher approval.

This course is designed to be a fast-paced, intensive review of French language and grammar to help prepare students in Grade 12 for the language placement tests they will take at their respective colleges and universities. Students will re-activate their skills in listening, speaking, reading and writing. This will be an honors credit, as we will use intermediate college-level materials.

LATIN 1 (2 terms, 1 credit)

This course is taught on a skinny bell for the entire year.

This course introduces the student to Ancient Roman culture and language. Students begin reading Latin passages immediately as they learn to pronounce the Latin alphabet and to learn the grammatical terminology and endings required for proficiency in the language. Students will learn the five noun declensions as well as the four verb conjugations and the six tenses. Students will also be introduced to Roman culture through units on mythology, daily life, topography of Rome, and the Roman kingdom.

LATIN 2 (2 terms, 1 credit)

In this course students will continue reading Latin passages of increasing complexity. Students master complete sentence structures such as relative clauses. They also learn the passive voice of verbs, deponent verbs, and comparison of adjectives and adverbs. Classical mythology is covered in greater depth with a unit on the hero Hercules, and the Roman Republic and Punic Wars are the areas of historical emphasis. Cultural topics include Roman women, the calendar, and food.

LATIN 3 (2 terms, 1 credit)

In this course students will master all Latin participles and infinitives, the subjunctive and seven of its uses, as well as the indirect statement. Students are also introduced to original Latin prose and poetry

through reading works by Martial, Catullus, Pliny, and Caesar. The Roman Empire is the historical focus this term, and each student will research one of the emperors of Rome, from Augustus to Justinian.

LATIN 4 HONORS (2 terms, 1 credit)

Prerequisite: A- average or better in Latin 3 and teacher recommendation

This course prepares students for advanced work in Latin by introducing them to the Latin meters, figures of speech, advanced grammar and cultural background necessary for reading the Advanced Placement syllabus. The course begins with extensive grammar review and practice as well as culture units on the Late Republic and Early Empire. Students will read a selection of original Latin passages.

AP Latin: Vergil (2 terms, 1 credit)

Prerequisite: A- average or better in Latin 4 and teacher recommendation

In this course, students who have completed Latin IV will have the opportunity to apply their knowledge of grammar and vocabulary to reading the works of Vergil. Over the course of the three terms, we will read from the Advanced Placement syllabus in preparation for the AP Latin examination in May. Along with reading and discussing these selections, students will receive extensive practice in the skills necessary for success on the exam including sight-reading, scanning poetry for meter, literary devices, and critical essay writing.

SPANISH 1 (2 terms, 1 credit)

This course is taught on a skinny bell for the entire year.

This course is aimed at basic conversational skills and general comprehension of the Spanish language. There is an introduction to Spanish and Latin American culture and civilization including their influence on the United States. The content material covers topics and incidents of everyday life. The course objectives are designed to develop skills in the four areas of reading, writing, listening and speaking.

SPANISH 2 (2 terms, 1 credit)

Spanish 2 builds upon the vocabulary and structures learned in Spanish I. The most important grammar points, verb tenses, idioms and vocabulary will be completed by the end of the second year of Spanish 2. Spanish is spoken more often in Level 2 classes. Throughout the second level of instruction, the student works to increase her vocabulary and improve her communication skills in the four areas of reading, writing, listening and speaking.

SPANISH 3 (2 terms, 1 credit)

Conducted primarily in Spanish, this course is a continuation of levels 1 and 2 and is geared toward mastery of the language. This includes communication skills in speaking, reading, writing, and listening. More complex grammar and vocabulary is presented while further developing communication skills in all areas. The study of Spanish culture is an integral part of the course.

SPANISH 4 CONVERSATION (2 terms, 1 credit)

Prerequisite: B+ average or better in Spanish 3 and teacher recommendation based on motivation, consistent performance and a positive attitude.

This course is designed to enable students to further develop oral expression and listening skills by means of conversation. Topical vocabulary, current events and culture will be covered as well as the continuation of the Destinos Program.

SPANISH 4 HONORS (2 terms, 1 credit)

Prerequisite: A- average or better in Spanish 3 and teacher recommendation based on motivation, consistent performance and a positive attitude.

This course aims to polish the four areas of language acquisition, that of speaking, listening, reading and writing. Students will have the opportunity to engage in conversational practice as well as reading works of literature by famous authors and studying Spanish and Latin American culture. They will also finish the Destinos Program.

AP SPANISH LANGUAGE (2 terms, 1 credit)

Prerequisite: A consistent A- average or better in Spanish 4 H and teacher recommendation based on outstanding verbal skills, strong self-motivation, ability to self-instruct as needed, a disciplined work ethic and a positive attitude.

This course prepares the student to take the Advanced Placement Spanish Language examination for college credit. The goal is to increase student proficiency in the four language skills which will enable them to succeed at the university level.

ADVANCED SPANISH HONORS SEMINAR (Twelfth Grade, 2 terms, 1 credit)

Prerequisites: Successful completion of Spanish IV Conversation or Spanish IV Honors or Spanish Language AP in Grades 10 and 11 and teacher recommendation

This course is designed to be a fast-paced, intensive review of Spanish language and grammar to help prepare students in Grade 12 for the language placement tests they will take at their respective colleges and universities. Students will re-activate their skills in listening, speaking, reading, and writing. Course content will include literature, poetry, current events, and films in Spanish. This will be an honors credit, as we will use intermediate college-level materials.

EDUCATIONAL SERVICES PROGRAM for Students with Learning Disabilities and AD/HD.

The Educational Services Program is intended to provide appropriate services for students who have learning disabilities and/or AD/HD. Academic Tutoring is an elective for which students in the Educational Services Program will receive non-academic credit.

Academic Tutoring (½ nonacademic credit – Pass/Fail)

A. MAJOR EXPECTATIONS

1. Students are totally mainstreamed into a competitive college preparatory program. The educational requirements of students in the Educational Services Program are identical to the educational requirements of their classmates.
2. Students complete a college preparatory education and enroll in a four-year college.
3. Students develop an understanding of their strengths, limitations, and learning styles.
4. Students develop study skills and compensatory strategies to ensure success.
5. Students participate in other school activities and clubs, including class and club offices, junior varsity and varsity sports, and other co-curricular activities.
6. Students develop an understanding of individual rights and responsibilities.
7. Students are guided in their choices of post-secondary education.
8. Students develop an awareness of career opportunities in light of their strengths.

B. PHILOSOPHY

A learning disability is a permanent handicap that affects the manner in which an individual with average or above average intelligence takes in information, retains it, and expresses the knowledge and understanding she processes. The most common learning disabilities occur in the areas of language (reading, spelling, and written expression); math computation; and problem solving. Less frequent are problems in organizational skills, time management, spatial organization, attention span, and social skills.

Students in St. Ursula Academy's Educational Services Program are mainstreamed into the regular college preparatory classes (including honors/AP classes). The educational requirements of students in the Educational Services Program are identical to the educational requirements of their classmates. Students in the Educational Services Program are expected to produce the same quantity and same quality of work as their peers. Program participants benefit from a number of special modifications and services that demonstrate St. Ursula's commitment to providing a successful college preparatory experience for learning-disabled students. The special modifications and services include tutoring, coursework support, diagnostic testing, textbooks on cassette tapes/CDs, extended examination and testing periods, oral examinations and tests, tests read by tutor, and the use of a digital recorder to record class notes.

C. BROAD INSTRUCTIONAL OBJECTIVES

The objectives of the Educational Services Program are:

1. to provide a college preparatory education for girls with learning disabilities;
2. to provide for the individual learning differences and learning styles of the ES student by teaching to her strengths while working with her weaknesses;
3. to inform teachers of each student's disability and learning style and classroom accommodations that must be made for the ES student;
4. to provide the opportunity for each ES student to achieve her academic potential through daily coursework support, testing accommodations for quizzes, tests and exams (oral testing; taped tests; extended testing periods; untimed Ohio Graduation Tests and extended time PSAT, SAT, ACT, and AP tests);
5. to provide academic and college advising to the ES student;
6. to consult with the faculty regarding the progress of the ES student.

D. ORGANIZATION

1. Placement Procedures

Students are evaluated prior to their admission to the Educational Services Program. Area psychologists, educational diagnosticians, and speech & language pathologists do the testing. The educational evaluation should consist of the WISC-III or IV [with subset scores] and educational achievement tests such as the Woodcock-Johnson-III. Other diagnostic tests such as the Woodcock Reading Mastery Tests and the Test of Written Language are helpful. Informal diagnosis occurs daily by noting errors and difficulties that students encounter with tests, homework, and assignments. Students are reevaluated in the spring/summer of their junior year so that there is current diagnostic information for the college application process.

2. Admissions Procedure for 8th Grade Students

Eighth grade students seeking admission to St. Ursula Academy's Educational Services Program must take the Entrance Test and submit the following to the Educational Services Program Coordinator by **November 1**:

- a. An educational evaluation that has been completed within the past two years. The educational evaluation should consist of the WISC-III [with subset scores] and educational achievement tests such as the Woodcock-Johnson-III. Other diagnostic tests such as the Woodcock Reading Mastery Tests or the Test of Written Language are helpful.
- b. Results of previous educational testing.
- c. Recommendations from eighth grade teachers and tutor (if applicable) addressing the student's day-to-day skills and motivation.
- d. Grade school records including report cards from 6th and 7th grades and first quarter 8th grade; and report of standardized group achievement tests (e.g. Terra Nova tests).

3. The following guidelines are established for identifying and diagnosing students already at the Academy:

- a. The initial suggestion that a student may have a learning disability may come from the student, parents, teachers, counselors, or administrators.
- b. The available data are read and discussed by the Principal, Assistant Principal, guidance counselors, and Educational Services Program Coordinator.
- c. A student may be referred for further testing if appropriate.
- d. The Educational Services Program Coordinator analyzes all testing reports and consults with the Principal and Assistant Principal. Placement in the program is dependent on the number of available spaces in the program.
- e. Educational Service Program Academic Tutoring as an elective for which students in the Educational Services Program will receive non-academic credit.

SAMPLE SCHEDULES

The College Prep Student

The sample schedule illustrates what a schedule might look like for a student taking all college preparatory courses. Courses can and probably will take place in any of the four terms, not just the ones in which they appear on this schedule.

FRESHMAN YEAR	BELL A	BELL B1	BELL B2	BELL C	BELL D
TERM 1	Fine Arts	Algebra 1	For. Lang 1	Physical Science	21 st Century Communication
TERM 2	Fine Arts	Algebra 1	For. Lang 1	Physical Science	Europe and Middle East
TERM 3	Literary Genres	Algebra 1	For. Lang 1	Health	Old and New Testament
TERM 4	Literary Genres	Algebra 1	For. Lang 1	PE	Old and New Testament

SOPHOMORE YEAR	BELL A	BELL B	BELL C	BELL D
TERM 1	British Literature	Foreign Language 2	Church and Sacraments	Biology
TERM 2	British Literature	Foreign Language 2	Church and Sacraments	Biology
TERM 3	Geometry	Foreign Language 3	Fine Arts, Health or PE	Elective
TERM 4	Geometry	Foreign Language 3	Africa, Asia & the Americas	Elective

JUNIOR YEAR	BELL A	BELL B	BELL C	BELL D
TERM 1	American Literature	Algebra 2	Morality	Chemistry
TERM 2	American Literature	Algebra 2	Critical Thinking and Prob. Solv.	<i>Chemistry</i>
TERM 3	U. S, History	Social Justice	<i>Elective</i>	<i>Elective</i>
TERM 4	U. S, History	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>

SENIOR YEAR	BELL A	BELL B	BELL C	BELL D
TERM 1	World Literature	Government	<i>Science Elective</i>	Christian Lifestyles
TERM 2	World Literature	Economics	<i>Science Elective</i>	Prayer or World Religions
TERM 3	<i>Math Elective PreCalc or Algebra 3</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>
TERM 4	<i>Math Elective PreCalc or Algebra 3</i>	<i>Elective</i>	<i>Elective</i>	<i>Elective</i>

The Honors/AP Student

The sample schedule illustrates what a schedule might look like for a student taking honors and AP courses in many areas. Courses can and probably will take place in any of the four terms, not just the ones in which they appear on this schedule.

FRESHMAN YEAR	BELL A	BELL B1	BELL B2	BELL C	BELL D
TERM 1	Fine Arts or PE/Health	Algebra 1 Honors	For. Lang 1	Honors Physical Science	21 st Century Communication
TERM 2	Fine Arts or PE/Health	Algebra 1 Honors	For. Lang 1	Honors Physical Science	Europe and Middle East
TERM 3	Honors Literary Genres	Algebra 1 Honors	For. Lang 1	Honors Biology	Old and New Testament
TERM 4	Honors Literary Genres	Algebra 1 Honors	For. Lang 1	Honors Biology	Old and New Testament

SOPHOMORE YEAR	BELL A	BELL B	BELL C	BELL D
TERM 1	Honors British Literature	Foreign Language 2	Church and Sacraments	Honors Chemistry
TERM 2	Honors British Literature	Foreign Language 2	Church and Sacraments	Honors Chemistry
TERM 3	Honors Geometry	Foreign Language 3	Fine Arts	Honors Asia, Africa & America
TERM 4	Honors Geometry	Foreign Language 3	Fine Arts	<i>Elective (PE/Health)</i>

JUNIOR YEAR	BELL A	BELL B	BELL C	BELL D
TERM 1	Honors American Literature	Honors Algebra 2	Honors Critical Thinking	AP Biology or AP Chemistry
TERM 2	Honors American Literature	Honors Algebra 2	Morality.	AP Biology or AP Chemistry
TERM 3	Honors Precalculus	<i>PE/ Elective</i>	AP US History	AP Biology or AP Chemistry
TERM 4	Honors Precalculus	Social Justice	AP US History	<i>Elective</i>

SENIOR YEAR	BELL A	BELL B	BELL C	BELL D
TERM 1	AP English Lit & Composition	Economics	AP Physics B	AP Calculus AB
TERM 2	AP English Lit & Composition	Christian Lifestyles	AP Physics B	AP Calculus AB
TERM 3	<i>Elective</i>	AP Government	AP Physics B	AP Calculus AB
TERM 4	<i>Elective</i>	AP Government	AP Physics B	<i>Religion Elective</i>

Italics denote elective courses. H = honors course; AP = Advanced Placement course
 The sequence for math course is Algebra 1, Geometry, Algebra 2, Pre-Calculus, and Calculus.
 Two math courses may be taken in the junior year to prepare the student for senior year calculus.
 Students may "test ahead" in mathematics or foreign language.

The following sample schedule illustrates what a schedule might look like for a student in the Educational Services Program. Courses can and probably will take place in any of the four terms, not just the ones in which they appear on this sample schedule.

FRESHMAN YEAR	BELL A1	BELL A2	BELL B	BELL C	BELL D
TERM 1	For. Lang 1	Algebra 1	ES Tutoring	Europe and Middle East*	Literary Genres
TERM 2	For. Lang 1	Algebra 1	ES Tutoring	Health*	Literary Genres
TERM 3	For. Lang 1	Algebra 1	ES Tutoring	Old and New Testament	Physical Science
TERM 4	For. Lang 1	Algebra 1	ES Tutoring	Old and New Testament	Physical Science

SOPHOMORE YEAR	BELL A	BELL B	BELL C	BELL D
TERM 1	Church and Sacraments	ES Tutoring	Africa, Asia & the Americas*	British Literature
TERM 2	Church and Sacraments	ES Tutoring	PE or <i>Elective</i>	British Literature
TERM 3	Foreign Language 2	ES Tutoring	Geometry	Biology
TERM 4	Foreign Language 2	ES Tutoring	Geometry	Biology

JUNIOR YEAR	BELL A	BELL B1	BELL B2	BELL C	BELL D
TERM 1	PE	ES Tutoring	Morality	U. S. History	American Literature
TERM 2	PE	ES Tutoring	Morality	U. S. History	American Literature
TERM 3	Algebra 2	ES Tutoring	Social Justice	<i>Elective</i>	Chemistry
TERM 4	Algebra 2	ES Tutoring	Social Justice	<i>Elective</i>	Chemistry

SENIOR YEAR	BELL A	BELL B1	BELL B2	BELL C	BELL D
TERM 1	<i>Elective</i>	ES Tutoring	Christian Lifestyle	American Government	World Literature
TERM 2	<i>Elective</i>	ES Tutoring	Christian Lifestyle	Economics	World Literature
TERM 3	Algebra 3 or Pre-Calculus	ES Tutoring	Religion <i>Elective</i>	<i>Elective</i>	<i>Elective</i>
TERM 4	Algebra 3 or Pre-Calculus	ES Tutoring	Religion <i>Elective</i>	<i>Elective</i>	<i>Elective</i>

*A student wishing to pursue a 4 year program in the Fine Arts would move these courses to an elective slot in a later year

The following sample schedule illustrates what a schedule might look like for a student in the Educational Services Program. Courses can and probably will take place in any of the four terms, not just the ones in which they appear on this sample schedule.

FRESHMAN YEAR	BELL A1	BELL A2	BELL B	BELL C	BELL D
TERM 1	For. Lang 1	Honors Algebra 1	ES Tutoring	Honors Physical Science	Honors Literary Genres
TERM 2	For. Lang 1	Honors Algebra 1	ES Tutoring	Honors Physical Science	Honors Literary Genres
TERM 3	For. Lang 1	Honors Algebra 1	ES Tutoring	Old and New Testament	Honors Biology
TERM 4	For. Lang 1	Honors Algebra 1	ES Tutoring	Old and New Testament	Honors Biology

SOPHOMORE YEAR	BELL A	BELL B	BELL C	BELL D
TERM 1	Foreign Language 2	ES Tutoring	Honors Africa, Asia & the Americas*	Honors British Literature
TERM 2	Foreign Language 2	ES Tutoring	Europe & the Middle East*	Honors British Literature
TERM 3	Church and Sacraments	ES Tutoring	Honors Geometry	Honors Chemistry
TERM 4	Church and Sacraments	ES Tutoring	Honors Geometry	Honors Chemistry

JUNIOR YEAR	BELL A	BELL B1	BELL B2	BELL C	BELL D
TERM 1	Fine Arts	ES Tutoring	Morality	Health	Honors American Literature
TERM 2	Fine Arts	ES Tutoring	Morality	PE or <i>Elective</i>	Honors American Literature
TERM 3	Honors Algebra 2	ES Tutoring	Social Justice	3 rd Honors Science	AP U.S. History
TERM 4	Honors Algebra 2	ES Tutoring	Social Justice	3 rd Honors Science	AP U.S. History

SENIOR YEAR	BELL A	BELL B1	BELL B2	BELL C	BELL D
TERM 1	PE	ES Tutoring	Christian Lifestyle	AP American Government	AP English Lit & Composition
TERM 2	<i>Elective</i>	ES Tutoring	Christian Lifestyle	AP American Government	AP English Lit & Composition
TERM 3	Honors Pre-Calculus	ES Tutoring	Religion <i>Elective</i>	Economics	<i>Elective</i>
TERM 4	Honors Pre-Calculus	ES Tutoring	Religion <i>Elective</i>	<i>Elective</i>	<i>Elective</i>

*A student wishing to pursue a 4 year program in the Fine Arts would move these courses to an elective slot in a later year.

SAMPLE GRIDS

	A Bell	B Bell	C Bell	D Bell
Term 1				
Term 2				
Term 3				
Term 4				

	A Bell	B Bell	C Bell	D Bell
Term 1				
Term 2				
Term 3				
Term 4				