



URSULINE
ACADEMY

CURRICULUM GUIDE
2024-2025



Ursuline Academy offers a well-rounded, college preparatory curriculum designed to meet the needs of each student. The course offerings are described briefly in this Curriculum Guide.

TABLE OF CONTENTS

<u>GRADUATION REQUIREMENTS</u>	<u>4</u>
<u>RECOMMENDED HIGH SCHOOL UNITS</u>	<u>7</u>
<u>CHANGE OF SCHEDULE POLICY</u>	<u>7</u>
<u>HOMEWORK POLICY</u>	<u>7</u>
<u>HONORS COURSE REQUIREMENTS</u>	<u>7</u>
<u>COLLEGE CREDIT</u>	<u>8</u>
<u>THEOLOGY</u>	<u>11</u>
<u>ART</u>	<u>14</u>
<u>BUSINESS AND TECHNOLOGY</u>	<u>18</u>
<u>ENGLISH</u>	<u>23</u>
<u>WORLD LANGUAGES</u>	<u>28</u>
<u>MATHEMATICS</u>	<u>38</u>
<u>PERFORMING ARTS</u>	<u>44</u>
<u>PERSONAL DEVELOPMENT</u>	<u>50</u>
<u>PHYSICAL EDUCATION</u>	<u>51</u>
<u>SCIENCE</u>	<u>54</u>
<u>SOCIAL STUDIES</u>	<u>61</u>

URSULINE ACADEMY GRADUATION REQUIREMENTS

CLASS OF 2028

Theology - 4 Credits

Course	Credits	Grade
Catholic Christianity	1	9
Scriptures	1	10
Catholic Social Teaching	.5	11
Contemporary Moral Issues	.5	11
Christian Lifestyles	.5	12
Senior Elective	.5	12

English - 4 Credits

Course	Credits	Grade
English I	1	9
English II	1	10
American Literature	1	11
Senior Electives / Hon. English IV	1	12

Mathematics - 3 Credits

Course	Credits	Grade
Algebra I	1	9
Geometry	1	10
Algebra II	1	11

Science - 3 Credits

Course	Credits	Grade
Biology	1	9
Chemistry	1	10
Physics	1	11

Social Studies - 3 Credits

Course	Credits	Grade
Geoeconomics	.5	9
World History	1	10
U.S. History	1	11
U.S. Government	.5	12

World Language - 2 Credits

Course	Credits	Grade
Spanish I, French I, Latin I	1	9
Spanish II, French II, Latin II	1	10

Physical Education / Health - 1.5 Credits

Course	Credits	Grade
Health	.5	9
CHOOSE ONE: 721 PE (10-12) 722 Team Sports (10-12) 733 Lifetime Fitness (10-12) 735 Rec Sports and Activities (11-12)	.5	10, 11, 12
CHOOSE ONE: 721 PE (10-12) 722 Team Sports (10-12) 733 Lifetime Fitness (10-12) 735 Rec Sports and Activities (11,12) 750 / 751 Yoga (9-12) 712 Dance (9-12) 716 Advanced Dance (9-12) 718 Choreography (9-12)	.5	9,10,11,12

Business / Technology - 1 Credit

Course	Credits	Grade
Business / Technology Elective	.5	9,10,11,12
Personal Finance	.5	11, 12

Fine Arts - 1 Credit

Course	Credits	Grade
Introduction to Art	.5	9
Performing Art Elective	.5	9

Personal Development - .5 Credit

Course	Credits	Grade
Communications	.5	9, 10

Students are also required to complete 3 credits of electives. A total of 26 credits is required to graduate.

URSULINE ACADEMY GRADUATION REQUIREMENTS

CLASS OF 2026 & 2027

Theology - 4 Credits

Course	Credits	Grade
Catholic Christianity	1	9
Scriptures	1	10
Catholic Social Teaching	.5	11
Contemporary Moral Issues	.5	11
Christian Lifestyles	.5	12
Senior Elective	.5	12

English - 4 Credits

Course	Credits	Grade
English I	1	9
English II	1	10
American Literature	1	11
Senior Electives / Hon. English IV	1	12

Mathematics - 3 Credits

Course	Credits	Grade
Algebra I	1	9
Geometry	1	10
Algebra II	1	11

Science - 3 Credits

Course	Credits	Grade
Biology	1	9
Chemistry	1	10
Physics	1	11

Social Studies - 3 Credits

Course	Credits	Grade
World History I	.5	9
World History II	1	10
U.S. History	1	11
U.S. Government	.5	12

World Language - 2 Credits

Course	Credits	Grade
Spanish I, French I, Latin I	1	9
Spanish II, French II, Latin II	1	10

Physical Education / Health - 1.5 Credits

Course	Credits	Grade
Health	.5	9
CHOOSE ONE: 721 PE (10-12) 722 Team Sports (10-12) 733 Lifetime Fitness (10-12) 735 Rec Sports and Activities (11-12)	.5	10, 11, 12
CHOOSE ONE: 721 PE (10-12) 722 Team Sports (10-12) 733 Lifetime Fitness (10-12) 735 Rec Sports and Activities (11,12) 750 / 751 Yoga (9-12) 712 Dance (9-12) 716 Advanced Dance (9-12) 718 Choreography (9-12)	.5	9,10,11,12

Business / Technology - 1 Credit

Course	Credits	Grade
Business / Technology Elective	.5	9,10,11,12
Personal Finance	.5	11, 12

Fine Arts - 1 Credit

Course	Credits	Grade
Introduction to Art	.5	9
Performing Art Elective	.5	9

Personal Development - .5 Credit

Course	Credits	Grade
Communications	.5	9, 10

Students are also required to complete 3 credits of electives. A total of 26 credits is required to graduate.

URSULINE ACADEMY GRADUATION REQUIREMENTS

CLASS OF 2025

Theology - 4 Credits

Course	Credits	Grade
Catholic Christianity	1	9
Scriptures	1	10
Catholic Social Teaching	.5	11
Contemporary Moral Issues	.5	11
Christian Lifestyles	.5	12
Senior Elective	.5	12

English - 4 Credits

Course	Credits	Grade
English I	1	9
English II	1	10
American Literature	1	11
Senior Electives / Hon. English IV	1	12

Mathematics - 3 Credits

Course	Credits	Grade
Algebra I	1	9
Geometry	1	10
Algebra II	1	11

Science - 3 Credits

Course	Credits	Grade
Conceptual Physics	1	9
Biology	1	10
Chemistry	1	11

Social Studies - 3 Credits

Course	Credits	Grade
World History I	.5	9
World History II	1	10
U.S. History	1	11
U.S. Government	.5	12

World Language - 2 Credits

Course	Credits	Grade
Spanish I, French I, Latin I	1	9
Spanish II, French II, Latin II	1	10

Physical Education / Health - 1.5 Credits

Course	Credits	Grade
Health	.5	9
CHOOSE ONE: 721 PE (10-12) 722 Team Sports (10-12) 733 Lifetime Fitness (10-12) 735 Rec Sports and Activities (11-12)	.5	10, 11, 12
CHOOSE ONE: 721 PE (10-12) 722 Team Sports (10-12) 733 Lifetime Fitness (10-12) 735 Rec Sports and Activities (11,12) 750 / 751 Yoga (9-12) 712 Dance (9-12) 716 Advanced Dance (9-12) 718 Choreography (9-12)	.5	9,10,11,12

Business / Technology - 1 Credit

Course	Credits	Grade
Business / Technology Elective	.5	9,10,11,12
Personal Finance	.5	12

Fine Arts - 1 Credit

Course	Credits	Grade
Introduction to Art	.5	9
Performing Art Elective	.5	9

Personal Development - .5 Credit

Course	Credits	Grade
Communications	.5	9, 10

Students are also required to complete 3 credits of electives. A total of 26 credits is required to graduate.

CREDIT REQUIREMENTS

All students must take at least **7 credits** during regular school hours (8:00-3:00), although students can opt to take 8 credits. Students may not take a Study Hall and Study Skills the same semester.

7 Credits - 2 study halls, one per semester

7.5 Credits - 1 study hall, either 1st or 2nd semester

8 Credits - No study hall

RECOMMENDED HIGH SCHOOL UNITS

Subject Area	Highly Competitive Colleges	Competitive Colleges	Moderately Competitive Colleges
English	4	4	4
Math	4	4	3
Science	4	4	3
Social Studies	4	4	3
World Languages	3-4	2-3	2-3

CHANGE OF SCHEDULE POLICY

A change in a student's schedule is an exception. Any change in courses must occur within 7 days of the beginning of the course. Changes at semester will be allowed only when a level change is initiated by a teacher or for other serious reasons.

HOMEWORK POLICY

Though time spent on homework/study can vary from night to night and from student to student, on average, students can expect approximately 20 minutes of homework/study per night, per class. Honors, dual-enrollment, and AP courses may require additional homework/study time.

HONORS COURSES

In order for a student to enroll in an honors course the student must receive a teacher recommendation and meet the following criteria. If these criteria are not met, the student must complete the [Honors Course Load Limit Waiver Form](#).

Honors Course Load Limit

Maximum # of Honors Classes	Required Sophomore GPA	Required Junior/Senior GPA
5	3.5	Not Recommended
4	3.5	3.8
2 or 3	3.0	3.0

Honors Placement Waiver

Students not recommended for an honors course who wish to take the course must go through the waiver process, which involves completing the [Honors Placement Waiver Form](#). Students who complete the waiver process will be accepted only if there is room in the course. The student takes full responsibility for any unfavorable grade results due to the placement change.

COLLEGE CREDIT

College Board Advanced Placement

Advanced Placement (AP) courses are college-level classes in a wide variety of subjects that students can take while still in high school. These courses prepare students to take the AP exams in May. Based on the results of the exam, students may receive college credit in that area of study. The current fee per exam is \$98. Ursuline Academy offers the following AP courses.

English IV	Calculus AB
Psychology	Statistics
U.S. Government	Microeconomics
U.S. History	World History
Computer Science Principles	

Dual Credit

Ursuline Academy has dual credit partnerships with Saint Louis University, University of Missouri - St. Louis, and Missouri Baptist University. Students enrolled in dual credit courses at Ursuline must register and pay tuition to the college in order to receive college credit. Depending on the course, registration occurs either in the first or the second semester. Information will be distributed in classes regarding the registration process. It is the responsibility of the student to have the college transcripts sent to the institution to which they are attending. Acceptance of college credit is based on the policy of the institution.

Dual Credit Courses

ENGLISH				
URSULINE COURSE # AND TITLE	COLLEGE	COLLEGE COURSE # AND TITLE	CREDITS	REGISTRATION
339 Honors American Literature	UMSL	ENGL 1950: Topics in Literature	3	Spring
349 Honors AP English IV	SLU	ENGL 1900: Adv. Strategies of Rhetoric and Research	3	Fall
		ENGL 2550: Gender, Identity & Literature	3	Spring
MATH				
544 Precalculus	Missouri Baptist	MATH 133: College Algebra	4	Fall
548 Honors Precalculus	Missouri Baptist	MATH 155: Precalculus	4	Fall
550 Honors AP Calculus AB	SLU	MATH 1510: Calculus I	4	Fall
559 Honors AP Statistics	Missouri Baptist	MATH 243: Probability and Statistics	3	Fall
SOCIAL STUDIES				
939 Honors AP U.S. History	SLU	HIST 1600: History of the U.S. to 1865	3	Fall
		HIST 1610: History of the U.S. Since 1865	3	Spring
951 Women's and Gender Studies	SLU	WGST 1900: Introduction to Women's & Gender Studies	3	Fall/Spring
SCIENCE				
847 Honors Anatomy & Physiology	Missouri Baptist	BIOL 211 / 213: Anatomy & Physiology I	4	Fall
838 Honors Physics 849 Honors Physics	SLU	PHYS 1220 / 1235: General Physics I - Lecture & Lab	4	Fall
		PHYS 1240 / 1255: General Physics II - Lecture & Lab	4	Spring
FRENCH				
438 Honors French III	SLU	FREN 1010: Communicating in French I	3	Fall
448 Honors French IV	SLU	FREN 1020: Communicating in French II	3	Fall
		FREN 2010: Intermediate French: Language & Culture	3	Spring
LATIN				
446 Honors Latin III: Prose	SLU	LATN 1010: Reading Latin I	3	Fall
447 Honors French IV: Poetry	SLU	LATN 1020: Reading Latin II	3	Fall
		LATN 2010: Intermediate Latin: Language & Literature	3	Spring
SPANISH				
439 Honors Spanish III	SLU	SPAN 1010: Spanish for Beginners	3	Fall
449 Honors Spanish IV	SLU	SPAN 1020: Exploring the Hispanic World: Beginning Spanish	3	Fall
		SPAN 2010: Connecting with the Hispanic World: Intermediate Spanish	3	Spring
FINE ARTS				
639 Honors Public Speaking	UMSL	COMM 140: Introduction to Public Speaking	3	Fall / Spring
123 Honors Ceramics II	UMSL	ST ART 2270: Ceramics I	3	Fall / Spring
133 Honors Drawing II	UMSL	ST ART 1140: Drawing I	3	Fall / Spring
148 Honors Painting II	UMSL	ST ART 2245: Painting I	3	Fall / Spring
141 Honors Fiber Arts II	UMSL	ST ART 276: Fibers I	3	Fall / Spring

COURSE DESCRIPTIONS



THEOLOGY

TH 010 CATHOLIC CHRISTIANITY

Grade: 9

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: None

Description: This course provides a basic overview of Catholicism, with a focus on the changing world of the ninth grade young woman. The year begins with a unit on our Ursuline heritage.

TH 021 SCRIPTURES

Grade: 10

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: None

Description: This course explores our Judeo-Christian Scriptures. It introduces methods for the study of Scripture, the various types of literature found in Scripture, and the historical and cultural contexts in which the Bible is written. Students are given the opportunity to utilize Scripture as prayer. How the Scriptures apply to our lives is emphasized throughout the course.

TH 031 CATHOLIC SOCIAL TEACHING

Grade: 11

Credit: ½ Credit

Length: 1 Semester (first semester)

Prerequisite: None

Description: This course introduces Catholic Social Justice Teaching and examines the principles found in Catholic Social Teaching. Students learn the "See-Judge-Act" method of analyzing and responding to social concerns.

TH 032 CONTEMPORARY MORAL ISSUES

Grade: 11

Credit: ½ Credit

Length: 1 Semester (second semester)

Prerequisite: None

Description: This course applies Gospel values as expressed in Catholic Social Teaching to current moral issues. The course further develops the application of the principles of Catholic Social Teaching through the "See-Judge-Act" method.

TH 041 CHRISTIAN LIFESTYLES

Grade: 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course in Christian Lifestyles explores some of the ways our baptismal call to follow Jesus affects our relationships with family members, friends, the larger world, and ourselves. Guiding students toward a deeper understanding of vocations, the course invites them to reflect on how Christ calls them to live out their faith now and in the future. Within their studies, students learn about spiritual discernment, Christian apologetics, and moral decision-making.

TH 050 WORLD RELIGIONS

Grade: 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course treats religious experience as the human response to the mystery of life. In this course, students explore the major religions of the world.

TH 052 PRAYER & SPIRITUALITY

Grade: 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: NONE

Description: Students will be exposed to, participate in, and lead the class in various methods and experiences of prayer both personal and communal. In order to deepen understanding of women's spirituality, students will also explore the role, influence, and experience of women throughout the history of our Catholic tradition, beginning with women in Scripture.

TH 053 BIOETHICS

Grade: 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: Through readings, lectures, discussions, multimedia, and case studies, students develop knowledge of the basic Catholic morality involved in bioethical concepts operative in medical and public health ethics. This course covers bioethical topics including: abortion, genetic testing, cloning, stem cell research, euthanasia, end-of-life care, biomedical research and public health.

TH 054 VIOLENCE, GENOCIDE, AND PEACE STUDIES

Grade: 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course will explore the often-complex roots of violence and peace within individuals, communities, and in specific socio-cultural contexts. Students will learn to critically evaluate appeals to scriptural and theological sources as justification for hostility or violence. Developing theologically-informed attitudes, habits, and practices, based on Gospel values, the course promotes peace and reconciliation.

TH 055 BUSINESS ETHICS AND THE GOSPELS

Grade: 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This class applies ethical practice to business operations with consideration and help from the Gospels and scriptures. Business Ethics and the Gospels task is to enhance the ethical quality of decision making and taking action at all levels of business: Micro level – personal, Meso level – organizational, and Macro level – global. There is more to business than just making profit in the short term. Students will be more aware of the importance ethics play in business, better equipped to consider ethical problems and join in conversations to discuss possible solutions, and skills of moral reasoning and ethical decision making will be improved.



ART

AR 110 INTRODUCTION TO ART

Grade: 9, 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course introduces students to the language of art. Through projects in a variety of media, the students will explore the elements and principles of art. An appreciation of globally focused contemporary and historical art is incorporated in each project.

AR 120 DRAWING I

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR 110

Description: This course is designed to develop skills in the fundamentals of drawing and design. Projects use a variety of drawing techniques which can include pencil, conte, charcoal, ink, marker, pastels and colored pencils. Subject matter can include a combination of still life, figure, portraiture, landscape and imagined images. A sketchbook is maintained with warm up exercises each class.

AR 121 PAINTING I

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR 120

Description: This course provides an introduction to the fundamentals of painting with watercolor, and acrylic paint. Problem-solving projects will emphasize both drawing and design skills. Students will begin with basic color theory and from there explore a variety of subject matter and techniques.

AR 122 CERAMICS I

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR 110

Description: This course will introduce students to hand-building techniques, wheel throwing, and glazing ceramics. Students will learn how to properly wedge clay in addition to constructing pieces. They will learn how to create pinch pots, coil pots, and slab building. The second half of the semester will cover the pottery wheel, with students making cups and bowls.

AR 140 FIBER ARTS I

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR 110

Description: This course is an exploration of the materials and techniques of a variety of fiber arts which can include knitting, sewing, screen printing, silk dying and more.

AR 132 PHOTOGRAPHY I

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR 110

Description: This course introduces the student to photographic techniques including digital photography as well as basic black and white photography, concentrating on understanding and using a 35mm camera, design concepts, and basic darkroom procedures. A manual 35mm SLR camera is required.

AR 124 DIGITAL ART AND ILLUSTRATION

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR 120 or department recommendation

Description: In this course, students will explore different digital media and art making processes for the creation of digital art and illustration. Students will experience a variety of programs and techniques, including but not limited to the Adobe suite. Digital drawing and painting skills are strengthened through the use of a pen and tablet.

AR 134 JEWELRY MAKING

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR122 or department recommendation

Description: This course will introduce students to jewelry making using wire and ceramic elements. Students will create earrings, bracelets, beads, rings, pendants, and more with clay that they will be able to wear once completed. They will also learn about pliers and tools commonly used with jewelry making.

AR 135 FASHION DESIGN

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR 140 or department recommendation

Description: Students will build on their knowledge of sewing from Fiber Arts 1 and begin to explore garment design more specifically. Students will gain confidence in their sewing machine competency and troubleshooting, use and create patterns, reuse and recycle textiles through deconstructing garments, use surface design and finishing techniques, and learn the construction of design into apparel.

AR 133 HONORS DRAWING II

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR 120 (must have an A or A+ in Drawing I)

Dual Credit: University of Missouri St. Louis

3 credit hours: ST ART 1140 - *Drawing I*

Description: This course teaches creative approaches to drawing using various media and techniques which can include pencil, conte, charcoal, ink, colored pencil, pastel, and printmaking.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

AR 148 HONORS PAINTING II

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR120/AR121 (must have A or A+ in Painting I)

Dual Credit: University of Missouri St. Louis

3 credit hours: ST ART 2245 - *Painting I*

Description: This course introduces advanced techniques in painting media including oil, acrylic and/or watercolor. This class is available for college credit through University of Missouri-St. Louis.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

AR 123 HONORS CERAMICS II

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR 122 (must have an A or A+ in Ceramics I)

Dual Credit: University of Missouri St. Louis
3 credit hours: ST ART 2270 - *Ceramics I*

Description: Students will continue to expand on the skills learned in Ceramics I. They will either spend the entire semester on the wheel, or exploring more hand-building techniques (their choice). As an Honors course, the assignments will be more complex and will cover a broader range of ceramic styles, including but not limited to: sgraffito, maoilica, trimming on the wheel, and more. Glaze combinations and testing may also be explored.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

AR 141 HONORS FIBER ARTS II

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: AR 140

Dual Credit: University of Missouri St. Louis
ST ART 261 - *Fibers I*

Description: Students continue their exploration of the materials and techniques of a variety of fiber arts at an advanced level on a more individual basis. Fiber technique choices can include knitting, crochet, sewing, quilting, weaving, needle felting, wet felting, silk dying, screen printing, embroidery, and more.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

AR 149 HONORS STUDIO ART

Grade: 12

Credit: ½ Credit

Length: 1 Semester (second semester only)

Prerequisite: Department recommendation

Description: Students pursue areas of personal interest in a variety of media with special emphasis on individual instruction and portfolio preparation.



BUSINESS AND TECHNOLOGY

TECHNOLOGY

BU 233 COMPUTER APPLICATIONS

Grade: 9, 10

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course serves as an introduction to the Google platform. Basic and advanced skills are taught using Google. Students will learn to use the computer as both a personal and business tool. Students will also use a variety of other web-based applications to continue to develop or improve their typing skills as well as their web-based application skills, knowledge and content. This course is designed for beginning, intermediate, or advanced students to build upon and improve their skills using web-based applications to prepare them for their future education and career paths.

BU 235 ADVANCED COMPUTER APPLICATIONS

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: BU233 or Departmental Approval

Description: This elective class is a hands-on, project based course that allows students the opportunity to continue building their essential skills of communicating and critical thinking using the most common apps of Google Workspace: Drive, Docs, Sheets, Slides, Forms, and Sites coupled with photo and video editing websites. The real-world projects that students complete will allow them to become proficient with these applications. This course develops the student's knowledge and skill set of computer applications, which can then be applied to their personal, professional, and academic life.

BU 145 COMPUTER GRAPHICS

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: Students will be introduced to the Adobe Suite image-editing programs, as well as various other computer graphic online-based applications and programs. While not limited to art students, this course emphasizes creativity and a willingness to explore and work independently. Final exam is a project.

BU 212 CODING I**Grade:** 9,10, 11, 12**Credit:** ½ Credit**Length:** 1 Semester**Prerequisite:** None

Description: This semester-long course aims to teach basic programming and computational concepts to students with little or no previous coding experience. Students will develop confidence in their ability to apply programming techniques to solve problems in a broad range of scenarios. This course uses the Python programming language and an online IDE. There is no prerequisite for this course but an understanding of algebraic concepts is encouraged.

BU 213 CODING II**Grade:** 10, 11, 12**Credit:** ½ Credit**Length:** 1 Semester**Prerequisite:** BU 212

Description: This is a self-paced course that goes further in-depth about the principles of computation, control structures, strings, and boolean logic. This course expands on the concepts learned in Coding I.

BU 249 AP COMPUTER SCIENCE PRINCIPLES**Grade:** 11, 12**Credit:** 1 Credit**Length:** 2 Semesters**Prerequisite:** BU 212 and BU 213

Description: AP Computer Science Principles offers a multidisciplinary approach to teaching the underlying principles of computation. This is a college preparatory course that will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and the impact of computing innovations on their lives. This course gives students the opportunity to use current technologies to create computational artifacts for both self-expression and problem solving. Together, these aspects of the course make up a rigorous and rich curriculum that aims to broaden participation in computer science. This is a year-long course.

Special cost or materials: Fee for Advanced Placement Exam if student chooses to take it

BU 628 VIDEO PRODUCTION I

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course serves as an introduction to video production. Basic and advanced skills are taught using a variety of video production tools, including WeVideo, YouTube, student laptops, etc. Students will learn how to sandbox, storyboard, script, shoot, edit, reshoot, and finalize their videos they produce. Students will learn skills and techniques that are used from the most novice journalist and mobile journalist to major motion picture productions. This course is designed for beginning, intermediate, or advanced students to build upon and improve their video production skills to prepare them for their future education and/or career paths that may involve the elements of video production.

BU 251 VIDEO PRODUCTION II

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: BU 628

Description: This course enhances skills acquired in Video Production I. Students will continue to sandbox, storyboard, script, shoot, edit, reshoot, and finalize their videos they produce. Students will learn new, advanced editing and filming techniques, and create videos that take their production skills to the next level. This course is designed for advanced students to elevate their current video producing abilities and skills to prepare them for their future education and/or career paths that may involve the elements of video production.

BU 627C BROADCAST AND MEDIA PRODUCTION

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course is an overview of broadcast journalism. Students' experiences will include in depth reporting and story development. Emphasis will be placed on developing story content, writing, editing, directing, and filming. The students will learn and demonstrate effective communication and management skills as she works with others in class. Projects will include, but not limited to current events, personal accounts, documentaries, and social media content.

BUSINESS

BU 221 INTRODUCTION TO BUSINESS

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This introductory course provides students with the opportunity to learn and gain experience in a variety of topics in the field of business. Students are exposed to basic economic concepts, marketing, finance, management, and entrepreneurship. This course is important for any individual interested in studying the field of business in the future and provides a foundation for other business courses.

BU 240 PERSONAL FINANCE

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None (This course is required for all students.)

Description: This one semester, required course for graduation serves to introduce students to the world of personal finance. Students will learn concepts and processes pertinent to financial planning and money management. Additionally, students will develop the fundamental skills necessary to evaluate financial opportunities and make sensible decisions. The course includes various simulations designed to replicate financial scenarios encountered in the real world. Each activity will challenge students to examine aspects of the current financial environment and make rational decisions to achieve practical financial goals.

BU 237 MARKETING

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This elective course is designed as a practical approach to studying consumer behavior within the marketplace and its implications for marketing strategy, tactics, and communications. Students will understand the important role marketing plays in our economic system. Particular emphasis will be placed on the marketing mix along with the impact of marketing planning, marketing research, market segmentation, channels of distribution and advertising.

BU 234 SOCIAL MEDIA MARKETING

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester - ***Offered during the 2025-2026 academic year.***

Prerequisite: None

Description: In this course, students will focus on understanding and effectively using social media for marketing strategies. The course will provide foundational concepts of business marketing practices necessary to succeed in social media marketing today. Students will create practical, hands-on projects using Facebook, Instagram, X, You Tube, SnapChat, and Tik Tok.

BU 241 ACCOUNTING

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: A must take elective class for any student at the least considering business as a college major. This course explores the field of accounting and introduces students to basic accounting concepts. Proceeding through the accounting cycle for a service business, students will be introduced to the recording, summarizing, and analysis of financial data as it pertains to business organizations.

BU 238 ENTREPRENEURSHIP

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester - ***Offered during the 2025-2026 academic year.***

Prerequisite: None

Description: Using the Junior Achievement curriculum, this elective course is designed to introduce students to the basics of starting a business, including developing entrepreneurial abilities, identifying a business opportunity, creating a business plan, economics, and the stages of business growth. Students are given the opportunity to develop and analyze their management and marketing skills through realistic business start-up exercise



ENGLISH

EN 310 ENGLISH I: GENRE STUDIES

Grade: 9

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: High School Placement Test

Description: This course strengthens the student's grasp of writing and involves the analysis of various genres such as the short story, novel, essay, drama, and biography. To develop writing skills, the student studies the paragraph as a unit of thought and practices writing various types of coherent, unified paragraphs in connection with the literature studied. This practice in writing will lead to essay writing in various discourses: description, exposition, and literary analysis. Students also become familiar with research skills and MLA. Outside readings may be assigned according to the genre. Vocabulary is stressed and studied in conjunction with the reading of a text.

EN 319 HONORS ENGLISH I: GENRE STUDIES

Grade: 9

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: High School Placement Test

Description: English 319 involves intensive interpretation and critical study of the various genres of literature: short story, drama, poetry, the novel, and the technical, literary terms which accompany these literary types. In this close study of literature, the students develop the vital skills of critical interpretation and inferential reasoning. Students also learn to express themselves lucidly in class participation and in their writing. They encounter and expand on the different writing modes: exposition, description, narration, persuasion, and analysis.

EN 320 ENGLISH II: WORLD LITERATURE & COMPOSITION

Grade: 10

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Successful completion of EN 310

Description: Building upon the foundation of composition study begun in freshman year, this course requires students to work extensively on the process of writing in the various discourses: description, narration, exposition, and persuasion. Emphasis is placed on generating ideas, developing effective thesis statements, revision strategies, and critical analysis. This course also focuses on a study of representative world literature in all genres including biography, fiction, drama, and poetry. As students read and discuss selections from around the globe an emphasis is placed on effective critical reading and writing on topics about the literature.

EN 329 HONORS ENGLISH II: WORLD LITERATURE & COMPOSITION

Grade: 10

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Department recommendation

Description: Honors English moves at a quick pace and with a larger body of required readings than EN 320 although the focus is the same. Emphasis is placed on the writing process and developing a clear voice in prose. Students complete an essay every two weeks on both teacher and student-selected topics. Vocabulary is discussed in context. Students must also be prepared to read extensively and to actively participate in class discussions.

EN 330 AMERICAN LITERATURE

Grade: 11

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Successful completion of EN 320 or EN 329

Description: American Literature teaches and encourages students to develop an appreciation for the diversity of literature in our country. This course combines a discussion of the history of the United States alongside an enriching study of the literature accompanying the period. Additionally students will prepare an academically rigorous research paper on a student selected topic. Further emphasis will be placed on writing as a tool students can control and develop. Writing fluency, conciseness, and purpose will also be emphasized. This class in American Literature teaches students an appreciation of the literature that nearly five centuries of America's growth have produced. This course combines a discussion of the history of our country with an enriching study of the literature accompanying the period. In conjunction with the study of American Literature students will prepare a research paper on a student-selected topic. Further emphasis will be placed on writing as a tool students can control and develop. Writing fluency, conciseness and correctness (grammar and punctuation) will also be stressed.

EN 339 HONORS AMERICAN LITERATURE

Grade: 11

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Department recommendation

Dual Credit: University of Missouri St. Louis

3 credit hours: ENGL 1950 - *Topics in Literature*

Description: This honors course takes an interdisciplinary approach to examining American culture through different lenses, including literary, historical, political, visual, and philosophical. Critical thinking will be required at all stages of the course and will include outside readings at a rapid pace, a scholarly research paper, essays, enrichment exercises, projects, quizzes, and an emphasis on relevant literary terms and vocabulary and how those can be applied to our readings and discussion. This course is available for college credit

through the University of Missouri – St. Louis Dual Credit Program and is taught at a college level with elevated expectations for student performance.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

EN 351 HEROES IN LITERATURE**Grade:** 12**Credit:** ½ Credit**Length:** 1 Semester (first semester)**Prerequisite:** Successful completion of EN 330 or EN 339

Description: This course, taken as an elective during the first semester of a student's senior year, explores the beliefs, cultures, and history of societies from around the world, with a focus on heroes in World Literature from ancient times to the contemporary idea of the hero. Students analyze the values and beliefs these stories communicate. Continued emphasis is placed on composition skills, particularly the critical analysis essay.

EN 352 THE PLAY IS THE THING: READING DRAMA AS LITERATURE**Grade:** 12**Credit:** ½ Credit**Length:** 1 Semester (first semester)**Prerequisite:** Successful completion of EN 330 or EN 339

Description: This course, taken as an elective during the first semester of a student's senior year, explores the early period through contemporary times in theater. The class encourages students to not only enjoy the works but will involve analysis of the times in which the works were created and a discussion of theatrical techniques employed in the works.

EN 353 SATIRE & CULTURE IN LITERATURE - Not being offered 25/26**Grade:** 12**Credit:** ½ Credit**Length:** 1 Semester (first semester)**Prerequisite:** Successful completion of EN 330 or EN 339

Description: This course, taken as an elective during the first semester of a student's senior year, discusses the concept of satire and reflects on its development in world literature from its beginning to the contemporary period. Students explore the connection between the satire and the elements of culture--political, social, economic, religious--that it critiques. Students will challenge themselves to write satire in the model of texts discussed in class and respond critically to the satires discussed.

EN 357 MYSTERIES OF THE SUPERNATURAL: GOTHIC LITERATURE**Grade:** 12**Credit:** ½ Credit**Length:** 1 Semester (first semester)**Prerequisite:** Successful completion of EN 330 or EN 339

Description: This course, taken as an elective during the first semester of a student's senior year, discusses the origins and evolution of Gothic literature. Students will read and respond to a variety of text, including short stories, drama, and novels that explore Gothic elements and how that tradition has continued in contemporary culture.

EN 354 CREATIVE WRITING

Grade: 12

Credit: ½ Credit

Length: 1 Semester (second semester only)

Prerequisite: Successful completion of EN 330 or EN 339

Description: This course, taken as an elective during the second semester of a student's senior year, aids students in creative expression as well as the honing of one's writing skills--both creative and critical. Students read and evaluate poetry, fiction, and drama of various styles and compose in a variety of styles by developing content, employing specific forms, and selecting language appropriate for a particular audience and purpose.

EN 355 WOMEN, IDENTITY & LITERATURE

Grade: 12

Credit: ½ Credit

Length: 1 Semester (second semester only)

Prerequisite: Successful completion of EN 330 or EN 339

Description: This course, taken as an elective during the second semester of the student's senior year, highlights the contributions made by women writers in both fiction and nonfiction throughout history. While emphasis will be given primarily to writers of English, authors representing various traditions and backgrounds will be read. Students will read, write, and examine theories of women's literature, making relevant connections to their own lives.

EN 356 MODERN LITERATURE

Grade: 12

Credit: ½ Credit

Length: 1 Semester (second semester only)

Prerequisite: Successful completion of EN 330 or EN 339

Description: This course, taken as an elective during the second semester of the student's senior year, explores literature through the study of drama, poetry and fiction from the modern and contemporary periods. The class will not only encourage students to enjoy the works, but will involve an analysis of the times in which the works were created, a discussion of literary techniques, and the development of critical connections between modern literature and contemporary life.

EN 349 AP HONORS ENGLISH IV

Grade: 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Department recommendation

Dual Credit: Saint Louis University

3 credit hours: ENGL 1900 - *Adv. Strategies of Rhetoric & Research*

3 credit hours: ENGL 2550 - *Gender, Identity & Literature*

Description: This is a specialized English course. It fulfills the suggested requirements of an Advanced Placement Course. It focuses on close and analytical reading of outstanding literature; it includes explication of various prose and poetry selections and contains comprehension exercises and thematic analysis of various literary genres. Assignments include in-class, impromptu writings on the designated reading material. The assigned writing tasks fall into two categories: in-depth, but moderate length student-selected critical analysis essays on the assigned readings; and extended research papers on student-selected topics for which the student is expected to frame a thesis, marshal evidence for it, and present it as effectively as possible. In keeping with the Saint Louis University 1818 requirements, students spend time exploring and developing a definitive writing style. It is expected this style develops as the student's ability to analyze writing matures. The class is heavily dependent upon student participation: as a result, the student's active involvement in class discussions is essential to successful completion of this course.

Special cost or materials: Fee for Advanced Placement Exam if student chooses to take it. If taken for college credit through Saint Louis University, there is an additional fee.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

YB 350 YEARBOOK

Grade: 9, 10, 11, 12

Credit: 1 Elective Credit - This course is an elective and does not fulfill the requirement for English.

Length: 2 Semesters - Students must commit to working on the publication of *THE OAK LEAVES* for the duration of the entire year.

Prerequisite: None

Description: Students will learn how to use Wallsworth Online Design to layout and design pages. They will take photographs, place digital photos, write captions, edit pages, and submit work in a timely manner. **Additional time may be needed outside of class time to meet deadlines; times to be determined by the instructor.**

WORLD LANGUAGES

FR 410 FRENCH I

Grade: 9, 10, 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: None

Description: This course develops listening, speaking, reading, and writing skills in French through thorough oral and written practice. Students will recognize and recall basic French vocabulary. Vocabulary content includes greetings and introductions, numbers, dates, telling time, weather, expressing feelings, question words, and other topics of interest to French and American teens. Students will write simple sentences in French using proper grammar. Grammatical content includes gender, subject pronouns, subject-verb agreement, word order, present tense of regular and basic irregular verbs, negation, articles and adjective agreement. Students will listen to and answer questions in French. Correct pronunciation and francophone culture are integrated into the course. The course will include TPRS (Teaching Proficiency through Reading and Storytelling). Students will utilize technology to gather and interpret information in French. Listening and pronunciation are aided by the use of online audiovisual resources featuring native speakers.

FR 420 FRENCH II

Grade: 9, 10, 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Successful completion of French I or equivalent

Description: This course continues to develop listening, speaking, reading, and writing skills acquired in the first year. Students will expand their use of basic French vocabulary such as school subjects, professions, daily life, introductions, invitations, public transportation, food and meals, sports and health, weekend activities, entertainment, and animals. Students will participate in short conversations with another person in French. Students will listen to, answer and ask questions in French in written and oral form. Grammatical content includes present and future tense verb conjugations of regular and irregular verbs, descriptive and possessive adjectives, and interrogative words. Students will continue to discuss practices of francophone cultures. Students will utilize technology to gather and interpret information in French. TPRS (Teaching Proficiency through Reading and Storytelling) will be included in this course. Listening and pronunciation are aided by the use of online audiovisual resources featuring native speakers.

FR 428 HONORS FRENCH II

Grade: 9, 10, 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: A grade of "A" or "B+" in French I and recommendation by the current language teacher.

Description: The pace of the honors section is accelerated. This course continues to develop listening, speaking, reading, and writing skills acquired in the first year. Students will expand their use of basic French vocabulary such as school subjects, professions, daily life, introductions, invitations, public transportation, food and meals, sports and health, weekend activities, entertainment, and animals. Students will participate in short conversations with another person in French. Students will listen to, answer and ask questions in French in written and oral form. Grammatical content includes present and future tense verb conjugations of regular and irregular verbs, descriptive and possessive adjectives, and interrogative words. Students will continue to discuss practices of francophone cultures. Students will utilize technology to gather and interpret information in French. TPRS (Teaching Proficiency through Reading and Storytelling) will be included in this course. Listening and pronunciation are aided by the use of online audiovisual resources featuring native speakers.

FR 430 FRENCH III

Grade: 10, 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: A grade of C+ or above in French II and approval of current language teacher

Description: This course develops listening and speaking, reading, and writing skills. Students will expand their French vocabulary with increased accuracy. Content includes vocabulary related to parties and celebrations, clothing, travel, daily routine, weekend and leisure activities. Grammatical content includes irregular verb conjugations, present, past and future verb structures, direct and indirect object pronouns, and adjective agreement. Students will continue to read short dialogues and narratives in French and answer questions in written and oral form. Students will write two to three paragraph essays using new vocabulary and grammar. Students will utilize technology to gather and interpret information in French. Students will continue to discuss various francophone countries. Students will watch and respond to educational French videos. Listening and pronunciation are aided by the use of online audiovisual resources featuring native speakers.

FR 438 HONORS FRENCH III

Grade: 10, 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: A grade of B+ or higher in French II or Honors French II and approval of current language teacher.

Dual Credit: Saint Louis University

3 credit hours: FREN 1010 - *Communicating in French I*

Description: The pace of the honors section is accelerated. This course continues to develop listening and speaking, reading, and writing skills. Students will expand their French vocabulary with increased accuracy. Content includes vocabulary related to parties and celebrations, clothing, travel, daily routine, weekend and leisure activities. Grammatical content includes irregular verb conjugations, present, past and future verb structures, direct and indirect object pronouns, and adjective agreement. Students will continue to discuss various francophone countries. Students will continue to read short dialogues and narratives in French and answer questions in written and oral form. Students will write two to three paragraph essays using new vocabulary and grammar. Students will utilize technology to gather and interpret information in French. Students will watch and respond to educational French videos. Listening and pronunciation are aided by the use of online audiovisual resources featuring native speakers.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

FR 440 FRENCH IV

Grade: 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: A grade of "B" or above in French III and approval of current language teacher.

Description: This course continues to develop the four language skills of listening, speaking, reading, and writing. Students will expand their vocabulary concerning daily activities, describing people and objects, daily routines, expressing feelings, domestic chores, technology, professions and asking for help. Grammatical content includes, present, past and future tense, reflexive verbs in different tenses and uses, the conditional tense, subjunctive mood and its uses, and direct and indirect object pronouns. Students will participate in conversations with the teacher and classmates in French. Students will read short stories, intermediate dialogues and narratives in French and answer questions orally and in written form. Students will utilize technology to gather and interpret information in French. Cultural information is included in each unit, as well as in videos and other materials. Listening and pronunciation are aided by the use of online audiovisual resources featuring native speakers. This class is taught primarily in French.

FR 448 HONORS FRENCH IV

Grade: 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: A grade of "B+" or above in French III or Honors French III and approval of current language teacher.

Dual Credit: Saint Louis University

3 credit hours: FREN 1020 - *Communicating in French II*

3 credit hours: FREN 2010 - *Intermediate French: Language & Culture*

Description: The pace of the honors section is accelerated. This course continues to develop the four language skills of listening, speaking, reading, and writing. Students will extend their vocabulary concerning daily activities, describing people and objects, daily routines, expressing feelings, domestic chores, technology, professions and asking for help. Grammatical content includes, present, past, future and reflexive verb tenses, the conditional tense, subjunctive mood and its uses, and direct and indirect object pronouns. Students will participate in conversations with the teacher and classmates in French. Students will read short stories, intermediate dialogues and narratives in French and answer questions orally and in written form. Students will utilize technology to gather and interpret information in French. Cultural information is included in each unit, as well as in videos and other materials. Listening and pronunciation are aided by the use of online audiovisual resources featuring native speakers. College credit is available through the Saint Louis University 1-8-1-8 program. This class is taught primarily in French.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

FR 458 HONORS FRENCH V

Grade: 11,12 - *This course may not be offered every year. Interested students are encouraged to speak to their teacher or to the Department Chairperson.*

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Approval of current language teacher

Description: The course will be taught mainly in French. There will be continued practice in all four language skills. The content of the course will emphasize French culture, civilization, and literature

SP 411 SPANISH I**Grade:** 9, 10, 11, 12**Credit:** 1 Credit**Length:** 2 Semesters**Prerequisite:** None

Description: This course introduces the fundamentals of second-language study by allowing students to develop speaking, listening, reading, and writing skills in Spanish. Listening and pronunciation are aided by the use of audio and video clips featuring native speakers in the target language. The course will include a combination of instruction in both English and Spanish. We integrate cultural information into each chapter. This course prepares students to succeed in Spanish 2 or honors Spanish 2 the following year.

SP 421 SPANISH II**Grade:** 9, 10, 11, 12**Credit:** 1 Credit**Length:** 2 Semesters**Prerequisite:** Successful completion of SP 411

Description: This course continues to develop speaking, listening, reading, and writing skills acquired in the first year. Listening and pronunciation are aided by the use of audio and video clips featuring native speakers in the target language. The course will include a combination of instruction in both English and Spanish. We integrate cultural information into each chapter. This course prepares students to succeed in Spanish 3 the following year.

SP 429 HONORS SPANISH II**Grade:** 9, 10, 11, 12**Credit:** 1 Credit**Length:** 2 Semesters

Prerequisite: A grade of "A" in Spanish I and a recommendation by the current language teacher

Description: This course continues to develop speaking, listening, reading, and writing skills acquired in the first year. Listening and pronunciation are aided by the use of audio and video clips featuring native speakers in the target language. The course will include a combination of instruction in both English and Spanish, with progression to instruction primarily in Spanish. Cultural information will be integrated throughout each chapter. The pace of the honors section is accelerated. This course prepares students to succeed in honors Spanish 3 the following year.

SP 431 **SPANISH III**

Grade: 10, 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: A grade of "C+" or above in SP 421 and approval by the current teacher

Description: This course continues to develop speaking, listening, reading, and writing skills acquired in the first two years of study. Listening and pronunciation are aided by the use of audio and video clips featuring native speakers in the target language. The course will include a combination of instruction in both English and Spanish, with progression to instruction primarily in Spanish. Cultural information will be integrated throughout each chapter. This course prepares students to succeed in Spanish 4 the following year.

SP 439 **HONORS SPANISH III**

Grade: 10, 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Approval of current language teacher

Dual Credit: Saint Louis University

3 credit hours: SPAN 1010 - *Spanish for Beginners*

Description: This course continues to develop listening, speaking, reading, and writing skills acquired in the first two years of study. This class is conducted primarily in Spanish and is taught following the communicative language learning approach. Vocabulary will focus on words and expressions relevant to students' lives. Communicative themes include talking about the past, expressing interest and displeasure, expressing an opinion and disagreeing, asking about and responding to the latest news, making suggestions and recommendations, talking about challenges, and others. Readings and audiovisual activities develop students' cultural knowledge. The pace of the honors section is accelerated.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

SP 441 **SPANISH IV**

Grade: 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: A grade of "B" or above in SP 431 and approval of current language teacher

Description: This course continues to develop the four language skills with an emphasis on conversation. This class is conducted primarily in Spanish. Vocabulary will focus on words and expressions relevant to students' lives. Themes include travel, nature and the environment, hobbies, jobs, and professions. Grammatical concepts introduced in Spanish III will be reviewed and reinforced. In addition, students will continue to explore the subjunctive mood. New grammatical concepts include the future, present perfect, and conditional tenses, the *nosotros* commands, *por* vs. *para*, the impersonal *se*, and past participles used as adjectives. Students will expand their cultural knowledge through readings and special projects. Listening and pronunciation are aided by the use of online audiovisual resources featuring native speakers.

SP 449 HONORS SPANISH IV

Grade: 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Approval of current language teacher

Dual Credit: Saint Louis University

3 credit hours: SPAN 1020 - *Exploring the Hispanic World: Beginning Spanish*

3 credit hours: SPAN 2010 - *Connecting with the Hispanic World: Inter. Spanish*

Description: This course deepens the four language skills of listening, speaking, reading, and writing. This class is conducted primarily in Spanish. Students discuss in Spanish contemporary cultural themes while extending their vocabulary and increasing their understanding of previously introduced grammatical concepts. In addition, advanced grammatical concepts will be introduced. Composition in Spanish will strengthen students' writing skills. The pace of the honors section is accelerated.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

SP 459 HONORS SPANISH V

Grade: 11, 12 - *This course may not be offered every year. Interested students are encouraged to speak to their teacher or to the Department Chairperson.*

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Approval of current language teacher

Description: This course will be taught mainly in Spanish. There will be continued practice in all four language skills of listening, speaking, reading, and writing through the study of literature and film. The content of the course will emphasize Hispanic culture and civilization.

NATIONAL SPANISH EXAM

Spanish students may have the opportunity to compete for recognition and prizes by taking the National Spanish Exam. More information will be available in class.



LT 413 LATIN I**Grade:** 9, 10, 11, 12**Credit:** 1 Credit**Length:** 2 Semesters**Prerequisite:** None

Description: This course offers an opportunity to study a classical language by introducing the fundamentals of Latin grammar, syntax, vocabulary, and composition. The basic skills of language learning—reading, writing, listening, and, to a lesser degree, speaking—are practiced. The study of English derivatives from Latin and Greek words is an important component of learning vocabulary. The storyline of most of the textbook readings follows the daily life of a typical Roman family of 79 A.D. in Pompeii and Britannia. Through these readings, as well as other activities and projects, the history, culture, and mythology of the ancient Greeks and Romans are thoroughly integrated into the classes.

LT 423 LATIN II**Grade:** 9, 10, 11, 12**Credit:** 1 Credit**Length:** 2 Semesters**Prerequisite:** Latin I and signature of present language teacher

Description: The aim of Latin II is a continued, deepening study of Latin grammar and syntax, a broadening of vocabulary, and an awareness of word relationships. Further understanding of Roman life as part of our cultural heritage is developed. Study of derivatives, mottoes and expressions, history, culture, mythology, and art continues, but with an emphasis on items pertinent to the readings. Writers and literary themes of Latin prose and poetry are introduced as students continue to develop their ability to read and understand the Latin language. The course concludes with a brief survey of Latin literature.

LT 427 HONORS LATIN II**Grade:** 9, 10, 11, 12**Credit:** 1 Credit**Length:** 2 Semesters**Prerequisite:** Grade of "A" in Latin I and/or approval of present language teacher

Description: The aim of Honors Latin II is a continued, in-depth study of Latin grammar and syntax, a broadening of vocabulary, and an awareness of word relationships between the classical languages (Latin and Greek) and English. A greater understanding of Roman life as part of our cultural heritage is developed. Study of derivatives, mottoes and expressions, history, culture, mythology, and art continues, but with an emphasis on items pertinent to the Latin readings. Writers and literary themes of Latin and Greek prose and poetry are introduced as students continue to develop their ability to read and understand the Latin language through its literature and through its Greek roots. The course concludes with a brief but thorough survey of Latin literature. Honors students are expected to attain greater proficiency in the language, are required to do more reading and writing in the language, and are graded accordingly.

LT 446 HONORS LATIN III: PROSE

Grade: 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: A grade of "B" or higher in Honors Latin II and/or approval of Latin teacher

Dual Credit: Saint Louis University

3 credit hours: LATN 1010 - *Reading Latin I*

Description: This course provides a continued growth in the mastery of the Latin language and a further study of the humanistic insights which are the end products of a secondary classical education. Emphasis is placed on the reading of Latin prose writers and on the study of their contributions to Latin literature and Western civilization. Included are selections from Sallust, Caesar, Livy, Pliny the Younger, the Gospel writers, and early Church Fathers, and Medieval Latin, as well as a more detailed study of the life and works of Cicero. Review of Latin syntax, grammar, and correct usage continues, and vocabulary development focuses on the words and expressions employed by the authors read. The study of Roman history and culture continues, especially as revealed through the literature that is studied.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

LT 447 HONORS LATIN IV: POETRY

Grade: 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisites: A grade of "B" or higher in Honors Latin II and/or approval of Latin teacher

Dual Credit: Saint Louis University

3 credit hours: LATN 1020 - *Reading Latin II*

3 credit hours: LATN 2010 - *Intermediate Latin: Language & Literature*

Description: This course provides a continued growth in the mastery of the Latin language and a further study of the humanistic insights that are the end products of a secondary Classical education. Emphasis this year is placed on reading Latin poets and on the study of their contributions to Latin literature and Western civilization. Included are selections from Catullus, Horace, and Ovid, as well as a more detailed study of the life and works of Vergil, especially the Aeneid, and the epic tradition. Special topics, such as mythology, ancient theater, literary figures of speech, and scansion of Latin poetry, are also studied. Review of Latin syntax, grammar, and correct usage continues, and vocabulary development focuses on the words and expressions employed by poets are read. The study of Roman history and culture continues, especially as revealed through the literature that is studied.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

GR 432 **GREEK I**

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: Two consecutive years of any foreign language and approval from a language teacher

Description: This course is designed to introduce students to the language of Ancient Greece. Students will learn how to write and pronounce the Ancient Greek alphabet, develop a skill in reading a different language, and identify English words based upon Greek roots. This course will also touch on the mythology and history associated with the Ancient Greek language through translation of Homer's Odyssey and the Bible.

GR 442 **GREEK II**

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: Greek I

Description: This course develops reading and vocabulary skills learned in the first semester. Students will learn more grammatical constructions through reading short excerpts of Homer's Odyssey as well as the basic formation of epic poetry. This course will also focus on the process of using Greek roots to decipher cognates and derivatives in the English language. Mythology and cultural themes from antiquity will be interspersed throughout the course.



MATHEMATICS

MT 515 ALGEBRA I

Grade: 9

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: None: placement is based on elementary school records and the placement test.

Description: After a brief review of operations with real numbers, the student solves and graphs linear equations and inequalities in one variable, solves and graphs linear equations and inequalities in two variables, and applies properties of exponents. Review and emphasis on improving skills with fractions, decimals, ratios, and proportions.

MT 511 ALGEBRA I

Grade: 9

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: None; placement is based on elementary school records and the placement test.

Description: After a brief review of operations with real numbers, the student solves and graphs linear equations and inequalities in one variable; solves and graphs linear equations and inequalities in two variables; writes linear equations; solves and graphs systems of equations; applies properties of exponents; factors polynomials; adds, subtracts, multiplies and divides polynomials; simplifies radical expressions; and solves simple quadratic equations. Emphasis is placed on increasing math confidence, using algebra as an aid to solving real-life problems and appropriately using the required graphing calculator as a problem-solving tool.

MT 519 ADVANCED HONORS ALGEBRA I

Grade: 9

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: None; placement is based on elementary school records and the placement test.

Description: After a brief review of real number operations and solving advanced linear equations and inequalities in one variable, the student writes linear equations; solves and graphs linear equations and inequalities in two variables; solves systems of linear equations and inequalities in two variables; applies properties of exponents, solves and graphs quadratic equations; factors polynomials; and adds, subtracts, multiplies, and divides polynomials, rational expressions, and radical expressions. A strong emphasis is placed on abstract concepts, using algebra as an aid to solving real-life problems and using the required graphing calculator as a problem-solving tool.

MT 520 GEOMETRY

Grade: 9, 10

Credit: 1 credit

Length: 2 semesters

Prerequisite: Algebra I; department recommendation

Description: Students develop logical thinking skills as they learn the geometric concepts involving points, lines, planes, angles, parallel lines, triangles, quadrilaterals, other polygons, transformations and solid geometry. Algebraic connections are emphasized. Algebra 1 is reinforced including adding, subtracting, multiplying and factoring polynomials.

MT 521 GEOMETRY

Grade: 10

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Algebra I; department recommendation

Description: Students develop logical thinking skills as they learn the geometric concepts involving points, lines, planes, angles, parallel lines, triangles, quadrilaterals, other polygons, circles, area, transformations, and solid geometry. Algebraic connections are emphasized. The required graphing calculator is used as a tool.

MT 529 HONORS GEOMETRY**Grade:** 9, 10**Credit:** 1 Credit**Length:** 2 Semesters**Prerequisite:** A grade of "A" or "B" in Algebra I; department recommendation

Description: Students study in depth the geometric concepts involving points, lines, planes, angles, vectors, parallel lines, triangles, quadrilaterals, polygons, circles, areas, transformations, and solid geometry. In addition, students study and work with the logic involved in deductive proofs. Algebraic connections are emphasized. The required graphing calculator is used as a tool.

MT 531 ALGEBRA II**Grade:** 11**Credit:** 1 Credit**Length:** 2 Semesters**Prerequisite:** Algebra I; Geometry; department recommendation

Description: After a review of Algebra I topics, the student solves and graphs absolute value equations and inequalities, linear equations and inequalities in two variables, and quadratic equations over the complex number system; solves systems of linear equations; applies the properties of exponents; factors polynomials; and applies the four basic operations to polynomials, rational expressions, and radical expressions. Continued emphasis is placed on using algebra as an aid to solving real-life problems and appropriately using the required graphing calculator as a problem-solving tool.

MT 539 HONORS ALGEBRA II/TRIGONOMETRY**Grade:** 10, 11**Credit:** 1 Credit**Length:** 2 Semesters**Prerequisite:** A grade of "A" or "B" in MT 519 and Geometry; department recommendation

Description: The student solves and graphs linear equations and inequalities in one and two variables; adds, subtracts, multiplies, and divides polynomials, rational expressions, complex numbers, exponential logarithmic functions, and radical expressions; solves quadratic equations over the complex number system; and solves systems of equations in two and three variables. A strong emphasis is placed on real-life problems. Topics in Trigonometry include right triangle and unit circle definitions of the trigonometric functions, graphs, identities, formulas, trigonometric equations, and the Laws of Sines and Cosines.

MT 541 ALGEBRA III**Grade:** 12**Credit:** 1 Credit**Length:** 2 Semesters**Prerequisite:** Algebra II and department recommendation

Description: This class is designed for students who need additional explanation, practice, and confidence before taking college mathematics. Topics may include fundamental concepts of algebra, geometry, elementary concepts of trigonometry, and personal finance, probability and statistics.

MT 542 STATISTICS & PROBABILITY**Grade:** 11, 12**Credit:** $\frac{1}{2}$ Credit**Length:** 1 Semester**Prerequisite:** Algebra II or teacher recommendation.

Description: This class is designed for students who want to expand their knowledge of mathematics in statistics and probability. Topics include graphic display of data, analysis of data, measures of central tendency, variation, the normal curve, probability, an introduction to hypothesis testing, and other topics as time permits.

MT 543 ADVANCED TOPICS IN MATH**Grade:** 11, 12**Credit:** $\frac{1}{2}$ Credit**Length:** 1 Semester**Prerequisite:** Successful completion of Algebra II or teacher recommendation

Description: This course is designed for students who want to expand their knowledge of mathematics and study mathematics topics more in depth. Topics would include but not be limited to Conics, Sequences/Series, Linear Programming, Polar coordinates, Matrices, and Parametrics. Can be taken as independent study.

MT 544 PRECALCULUS

Grade: 11, 12

Credit: 1 credit

Length: 2 Semesters

Prerequisite: A grade of "B" or better in Algebra II and department recommendation.

Dual Credit: Missouri Baptist University

4 credit hours: MATH 133 - *College Algebra* (MATH 133 is a Core 42 class and is transferable to any public college or university in the state of Missouri.)

Description: This course is a detailed study of functions and their graphs. Graphing calculators are used extensively. Topics covered include linear and quadratic equations, inequalities, polynomial and rational functions, exponential and logarithmic equations, and systems of equations. Precalculus can be taken for Dual Credit through Missouri Baptist University with the following prerequisites: Algebra 1, Geometry, Algebra 2, overall GPA 3.0 and recommendation by your instructor.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

MT 548 HONORS PRECALCULUS

Grade: 11, 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: A grade of "A" or "B" in MT 539 and department recommendation

Dual Credit: Missouri Baptist University

4 credit hours: MATH 155 - *Precalculus*

Description: This course provides the honors math student with the opportunity to begin the study of college-level mathematics through the study of College Algebra and College Trigonometry. Algebraic topics include linear, quadratic, polynomial, rational, radical, exponential, and logarithmic functions, and systems of equations. Concepts are presented visually using the required graphing calculator. Heavy emphasis is placed on solving application problems, both algebraically and graphically.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

MT 550 **AP/HONORS CALCULUS AB**

Grade: 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Department recommendation

Dual Credit: Saint Louis University

4 credit hours: MATH 1510 - *Calculus I*

Description: This course will follow the College Board Advanced Placement Calculus AB syllabus and will prepare students for the Advanced Placement Calculus AB exam. Topics include: concepts, skills and applications of limits, derivatives, and integrals. The course teaches students how to approach calculus problems when they are represented graphically, numerically, analytically and verbally. Students learn how to use technology to solve problems, experiment, interpret results and support conclusions.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

MT 559 **AP/HONORS STATISTICS**

Grade: 11,12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Department recommendation

Dual Credit: Missouri Baptist University

3 credit hours: MATH 243 - *Probability and Statistics*

Description: This course extends the concepts and activities of statistics and probability with an emphasis on hypothesis testing, mode line and inferential statistics. College credit is offered through Missouri Baptist University.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.



PERFORMING ARTS

MU 612 FRESHMAN CHOIR

Grade: 9

Credit: ½ Credit

Length: 2 Semester

Prerequisite: None

Description: Students will learn basic singing techniques, musicianship, ensemble collaboration, and will be expected to perform at the Christmas and Spring concerts. This yearlong course is paired with a study hall.

Special cost or materials: Concert attire.

MU 622 CONCERT CHOIR

Grade: 10, 11, 12

Credit: ½ Credit

Length: 2 Semesters

Prerequisite: 612 or Teacher Approval

Description: There is no previous music experience required for this class, but it will build on topics covered in Freshman Choir. Students will also be expected to perform at the Christmas and Spring concerts, with the potential for other non-Ursuline performance opportunities as well (depending on the size of the ensemble). This yearlong course is paired with a study hall.

Special cost or materials: Concert attire and festival fees.

MU 629 HONORS CHAMBER CHOIR (AFTER SCHOOL)

Grade: 9, 10, 11, 12

Credit: ½ Credit

Length: 2 Semesters

Prerequisite: 612, 622 or Teacher Approval

Description: The Ursuline Academy Chamber Choir will meet twice a week after school from 3:05 - 3:45 on Mondays and Wednesdays for the entire school year. Students enrolled in this course must have been or currently be enrolled in Freshman or Concert Choir, or have approval by Miss Feder. In addition, enrollment is dependent on an audition at the beginning of the year. This course assumes previous music experience and knowledge. Students in this ensemble will have the opportunity for non-Ursuline performances (clinics, contests, collaboration with other high schools, etc. depending on the size of the ensemble).

Special cost or materials: Concert attire, festival and field trip fees, field trip fees.

MU 610 INTRODUCTION TO INSTRUMENTAL ENSEMBLE

Grade: 9, 10, 11, 12

Credit: ½ Credit

Length: 2 Semesters

Prerequisite: None

Description: This course is open for freshman and introductory (complete beginners or those switching instruments) students only. No previous music experience is required for this course. Students will learn the basics of instrumental technique and care, ensemble collaboration, note reading, and will be expected to perform at the Christmas and Spring concerts. This yearlong course is paired with a study hall.

Special cost or materials: Concert attire, instrument rental, music books.

MU 615 SYMPHONIC ORCHESTRA

Grade: 9, 10, 11, 12

Credit: ½ Credit

Length: 2 Semesters

Prerequisite: 610 or Teacher Approval

Description: This course is open to all students with previous orchestral instrumental experience. Students enrolled in this course must have successfully completed Introduction to Instrumental Ensemble prior to enrolling in this course, or have approval by Miss Feder. This course assumes previous music experience. Students will also be expected to perform at the Christmas and Spring concerts, with the potential for other non-Ursuline performance opportunities as well (depending on the size of the ensemble). This yearlong course is paired with a study hall.

Special cost or materials: Concert attire, instrument rental, music books, festival or field trip fees.

MU 616 MUSIC INDEPENDENT STUDY

Grade: 9, 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: Any Ursuline Music Class or Teacher Approval

Description: This course is an open-ended study of any music topic decided upon by the student with guidance from Miss Feder. Topics may include (but are not limited to) individual lessons on an instrument or voice, music composition, arranging, and music history. Students' work in this course will be showcased in some way at the end of the semester, and this showcase is determined by the focus of study. Independent Studies meet on a schedule determined by Miss Feder and the student.

Special cost or materials (vary based on course of study): Concert attire, instrument rental, music books, festival fees.

MU 649 AP MUSIC THEORY

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester (2nd Semester)

Prerequisite: Previous Music Experience or Teacher Approval

Description: This AP course meets during the second semester in preparation for the AP Music Theory Exam in May. Topics covered include, but are not limited to, identifying features of pitch, intervals, scales, keys, chords, meter, rhythm, and other musical concepts in performed and notated music, sight singing, notating music that you hear, and completing music based on cues following common practice style.

Special cost or materials: AP Music Theory book, AP test fees.



TH 645 THEATRE EXPLORATIONS

Grade: 9, 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This class is designed to introduce the student to the elements of technical theater, and the design process. Students will work collaboratively with a production team to create the lighting, costume, makeup and set design for a play. Students will also participate in preparing the technical elements for the main stage play for the semester, set, props and costume creation and construction.

TH 644 DIRECTING FOR THE THEATRE

Grade: 10, 11, 12

Credit: ½ credit

Length: 1 semester

Prerequisite: TH 646 or Teacher Approval

Description: This class is designed to build on previous acting skills to develop a series of one acts by the end of the semester. This class will look at various directing and acting techniques, theories and organization. Students will then apply those techniques while directing their own one act productions. Students will be required to see and evaluate productions at Ursuline and outside theater companies.

TH 646 ACTING FOR THE THEATRE

Grade: 10, 11, 12

Credit: ½ Credit (may be repeated for credit)

Length: 1 Semester

Prerequisite: TH 645

Description: This class is designed as an actors studio where students will explore the human story through games, improvisation, character development, and other exercises. The class will culminate in the presentation of a 10 minute play and two prepared monologues. Students will be required to see and evaluate productions at Ursuline and outside theater companies.

TH 647 TECHNICAL THEATRE

Grade: 10, 11, 12

Credit: ½ Credit (may be repeated for credit)

Length: 1 Semester

Prerequisite: TH 645

Description: This is a practical arts class designed for Students interested in a further exploration of technical theater elements. Students may work independently to design and develop fully realized pieces for Ursuline Academy's Main Stage Productions in lighting, sound, makeup, costume, scenic painting, dramaturgy, scenic design and/or set construction. Upon completion students will have a portfolio of both realized and unrealized designs as well as representation in their chosen field in one or more of Ursuline's mainstage productions.

SH 639 HONORS PUBLIC SPEAKING

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: Communications 660 and teacher recommendation

Dual Credit: University of Missouri St. Louis

3 credit hours: COMM 140 - *Introduction to Public Speaking*

Description: This is a college credit course through UMSL. This course focuses on the skills of writing, speaking, delivery and presentation for public speaking. Students will be provided with opportunities to develop these skills by engaging in a variety of experiences that are based in real-life contexts for our global society.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.



DA 712 DANCE

Grade: 9, 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: Students will learn fundamental skills and terminology of various dance styles while developing strength, confidence, balance, and flexibility. Dance styles will include ballet, tap, jazz, hip hop, lyrical and modern. Students will perform the skills learned from class in the dance recital at the end of the semester as the final exam.

Special cost or materials: \$75.00

DA 716 ADVANCED DANCE

Grade: 9, 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: DA 712 or instructor approval

Description: Students will refine dance skills, moving beyond the fundamental levels while incorporating advanced steps, rhythms, patterns, and combinations. Class technique will focus on faster and more intricate footwork. The dancer at this level will develop speed, clarity, dynamics, and the ability to execute complex combinations. A variety of dance styles will be introduced and students will perform skills learned from class in the dance recital at the end of the semester as the final exam.

Special cost or materials: \$75.00

DA 718 CHOREOGRAPHY

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: DA 712 or instructor approval

Description: Students will be introduced to a practical experience focusing on the process of creating dance choreography. Emphasis will be placed on identifying, selecting and utilizing a variety of source material. Student choreography skills will be developed through the use of critical evaluation, use of choreographic devices, use of improvisation for generating movement, and creating meaning through the use of time, space, energy/force, and weight. Students will perform the skills learned from class in the dance recital at the end of the semester as the final exam.

Special cost or materials: \$75.00

PERSONAL DEVELOPMENT

CR 651 **CONFLICT RESOLUTION**

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course provides students with the opportunity to improve their conflict resolution skills. Covered topics include commitment, assertiveness, listening skills, difficult conversations, negotiation, and conflict resolution. Because the course is geared toward experiential learning, assignments will include participation in role plays, class discussions, and projects.

SH 660 **COMMUNICATIONS**

Grade: 9, 10

Credit: ½ credit

Length: 1 semester

Prerequisite: None

Description: Students will gain an understanding of communication, with an emphasis on interpersonal, verbal and non-verbal, and listening skills. They will develop skills in writing and presenting speeches as well as applying developed communication skills in group work and presentations.



PHYSICAL EDUCATION

PE 710 INTRODUCTION TO HEALTH

Grade: 9

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This skills-based health course provides students with knowledge and skills needed to maintain their physical, mental, social, and emotional health throughout a lifetime. Students will engage in various learning activities in which the following topics are covered but are not limited to: decision-making, goal-setting, consumer health, nutrition, physical fitness, mental health and wellness, diseases, conflict resolution, communication, alcohol and other drugs, eating disorders, and personal safety.

PE 721 PHYSICAL EDUCATION

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: 710

Description: The beginning course in physical education enables the student to learn basic skills necessary for participation in a variety of team sports which may include floor hockey, volleyball, soccer, basketball, Team Handball, and others. Students will engage in dual sports and recreational activities such as frisbee golf, Bocce, Pickleball, and others. The importance of lifetime physical fitness is also stressed through aerobic activities and strengthening exercises. The course involves beginning skills, strategies, rules, and game play. Students are graded on participation, dressing out, and written tests. A final project is given in this course.

Special cost or materials: Ursuline PE uniform

PE 722 TEAM SPORTS

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: 710

Description: The purpose of this course is to allow students to experience a variety of team sports while developing the techniques utilized in fundamental skills for team sports including concepts such as offensive and defensive strategies and tactics and sportsmanship. The integration of fitness concepts are included in this course. Units may include, but are not limited to, the following sports: Volleyball, Kickball, Speedball, Soccer, Ultimate Frisbee, Team Handball, Tchoukball & Basketball, Softball/wiffle ball.

Special cost or materials: Ursuline PE uniform

PE 733 LIFETIME FITNESS

Grade: 10,11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: 710

Description: This course is designed to study human muscular movement as applied in performance of training as well as developing the body and mind. The emphasis will be on proper weight lifting and exercise utilizing the Ursuline weight room, goal setting and fitness tracking, nutrition for performance, and careers in physical fitness. During this course students will engage in activities such as circuit training, strength training, agility, and high intensity interval training workouts. Students are graded on participation, quizzes, a SMART Goal project, fitness journals and development of workout plans.

Special cost or materials: Ursuline PE uniform

PE 735 RECREATIONAL SPORTS & ACTIVITIES

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: 710

Cost: Fluctuates with available activities off campus

Description: Students will engage in a variety of non-competitive individual and dual sport and recreational activities based on instructor choice and available facilities, which may include but not limited to: pickleball, archery, badminton, Bocce, cardio drumming, Spikeball, Kan Jam, hiking, bowling, frisbee golf, walking/jogging, and ping pong. Students are graded on participation, quizzes, dressing out, and a final project.

Special cost or materials: Ursuline PE uniform, fee for off campus activities

PE 751 YOGA

Grade: 9,10,11,12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course is designed to introduce students to the practice of yoga. Stretches, postures, and poses in combination with the breath may be included to develop greater balance, strength and calmness.

Special cost or materials: Ursuline PE uniform

PE 750A & 750B YOGA (ZERO HOUR)

Grade: 9,10,11,12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course is designed to introduce students to the practice of yoga. Stretches, postures, and poses in combination with the breath may be included to develop greater balance, strength and calmness.

Special cost or materials: Ursuline PE uniform

PE 731 WOMEN'S ISSUES IN HEALTH

Grade: 11, 12

Credit: ½ Credit (Note: This course does not fulfill the PE requirement.)

Length: 1 Semester

Prerequisite: 710

Description: This course provides the student with an awareness of various issues in health and how these issues directly impact the lives of women as well as improving students' decision-making skills so that she can take charge of her health. Students participate in a parenting simulation project using the Real Care Babies as part of this course.



SCIENCE

BL 811 BIOLOGY

Grade: 9

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: None

Description: This course provides a foundation of basic ideas in using the scientific method, elementary chemistry, cell (structure, function and division), genetics, cellular respiration/photosynthesis, and human reproduction. Students apply this knowledge to their bodies, the organisms around them, and their place in the environment. This foundation provides a basis for student awareness of biological principles in careers, politics, literature, recreational activities, and the advanced courses. Hands-on laboratory activities are an important part of this course.

BL 818 HONORS BIOLOGY

Grade: 9

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Science department recommendation

Description: Honors biology focuses on major concepts, the nature and methods of science, and inquiry-based learning. The unifying principles studied in developing biological literacy are: biology and the molecular perspective, energy and matter, organization, growth, development, and differentiation, the cell, heredity, and evolution. All of these are studied with a focus on molecular biology. Hands-on laboratory activities are an important part of this course. Each student may be required to write a report and give an oral presentation on a topic that is pertinent to the course.

BL 843 ENVIRONMENTAL TOPICS

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: Biology and Chemistry, any level

Description: This general level course is recommended for students who would like to learn more about ecology, classification of organisms, anatomy and physiology of plants and animals, evolution, animal behavior, population studies, the geologic history of the earth and global climate issues. The plants and animals of the biogeographical regions of Missouri are emphasized along with the ecology of Ursuline's pond, trees, prairie and wildlife. A field trip to Powder Valley Conservation Nature Center is required. Hands-on laboratory activities along with laboratory write ups are an important part of the course. Each student may be required to write a report and give an oral presentation on a topic that is pertinent to the course.

BL 834 BIOLOGY II**Grade:** 11, 12**Credit:** ½ Credit**Length:** 1 Semester**Prerequisite:** Biology and Chemistry, any level

Description: This general level course is recommended for students who would like to learn more about evolution, the classification, anatomy and physiology of plants/animals, human evolution and animal behavior. Hands-on laboratory activities including dissections are an important part of the course. Each student may be required to write a report and give an oral presentation on a topic that is pertinent to the course.

BL 846 HONORS MICROBIOLOGY**Grade:** 11, 12**Credit:** ½ Credit**Length:** 1 Semester

Prerequisite: An overall grade of “B+” in Biology and Chemistry, at any level;
science department recommendation;

Description: This honors level course prepares students who are considering careers in medicine, nursing, medical technology, biotechnology, or other health-related fields by providing a comprehensive study of the following topics: bacteria structure, function, and reproduction; cultivation and control of bacteria; biochemical identification of bacteria; interrelationships of bacteria and the environment; economic and medical aspects of microorganisms. Hands-on laboratory activities with laboratory reports are an important part of this course. Each student may be required to write a report and give an oral presentation on a topic that is pertinent to the course.

BL 844A GENERAL ANATOMY I**Grade:** 11, 12**Credit:** ½ Credit**Length:** 1 Semester**Prerequisite:** Biology and Chemistry, any level

Description: This course is intended for students who wish to learn more about their anatomy and physiology but do not require the more comprehensive information that is covered in BL 847 Human Anatomy and Physiology. The course is a generalized, less comprehensive study of the human body. Integumentary, skeletal, muscular, nervous (including the senses), and endocrine systems are covered. Each student may be required to write a report and give an oral presentation on a topic that is pertinent to the course. (Enrollment in this course precludes students from enrolling in BL 847.)

BL 844B GENERAL ANATOMY II

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: Biology and Chemistry, any level

Description: This course is intended for students who wish to learn more about their anatomy and physiology but do not require the more comprehensive information that is covered in BL 847 Human Anatomy and Physiology. The course is a generalized, less comprehensive study of the human body. Circulatory (including blood), lymphatic, respiratory, digestive, urinary, and reproductive systems are covered. No dissections by students are a part of this course. Each student may be required to write a report and give an oral presentation on a topic that is pertinent to the course. (Enrollment in this course precludes students from enrolling in BL 847.)

BL 847 HONORS ANATOMY AND PHYSIOLOGY

Grade: 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: An overall grade of "B+" in Biology and Chemistry, any level; science department recommendation

Dual Credit: Missouri Baptist University

4 credit hours: BIOL 211/213 - *Anatomy & Physiology I*

Description: This honors-level course is an intensive, comprehensive study of the systems of the human body: integumentary, skeletal, muscular, nervous, cardiovascular, respiratory, digestive, excretory, endocrine, reproductive, and immune. Many laboratory experiments are conducted, including dissections. A field trip to the Practical Anatomy Workshop at Saint Louis University may also be required. Each student may be required to write a research paper and give an oral presentation on a topic that is pertinent to the course. Four hours of college credit from Missouri Baptist University are available.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

CH 821 CHEMISTRY

Grade: 10

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: None

Description: This course is intended to be an introduction to the fundamental principles of chemistry for students not planning to major in chemistry in college. Topics may include scientific method, mathematics of science, data analysis, atomic structure, periodicity and the main group elements, history of modern chemistry, nomenclature, formulas, chemical equations and reaction types, stoichiometry, solutions, thermochemistry, gas laws, and acids and bases. Experiments and problem-solving are utilized to enhance comprehension of chemistry concepts.

CH 828 HONORS CHEMISTRY

Grade: 10

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Science department recommendation

Description: This honors-level course presents the fundamental principles of chemistry for students interested in majoring in the health sciences, physical sciences, or engineering. Topics may include the scientific method, mathematics of science, data analysis, atomic structure, periodicity and the main-group elements, nomenclature, chemical equations and reaction types, stoichiometry, solutions, oxidation-reduction reactions, nuclear chemistry, thermodynamics, gas laws, and acids and bases. Emphasis is placed on experimental aspects and mathematical relationships.

CH 858 AP/ADVANCED HONORS CHEMISTRY

Grade: 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: CH 828 Honors Chemistry and science department recommendation

Description: This honors-level course completes the second semester of college chemistry and gives students the requisite information for the Advanced Placement Exam. First semester topics include thermodynamics, kinetics, solution equilibrium, oxidation-reduction, electrochemistry, molecular geometry and bonding theories, coordination compounds, organic chemistry, and nuclear chemistry. Second semester topics include a review of those covered during the first three semesters with a more comprehensive study of states of matter and qualitative chemistry. Second semester is laboratory-intensive and includes qualitative and quantitative analysis experiments. This course is recommended for anyone interested in majoring in science, engineering, or health/medical science, including pharmacy, optometry, dentistry, and veterinary medicine. College credit may be available.

PS 832 PHYSICS

Grade: 11/12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: None

Description: Topics covered in this course may include mechanics, Newton's laws, dynamics, momentum, energy, waves, optics, electricity and magnetism, and nuclear physics. Emphasis is placed upon experimentation and problem solving.

PS 838 HONORS PHYSICS

Grade: 11

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Concurrent enrollment in math 539 or above, science department recommendation

Dual Credit: Saint Louis University

4 credit hours: PHYS 1220 / 1235 - *General Physics I*

4 credit hours: PHYS 1240 / 1255 - *General Physics II*

Description: This honors-level course is recommended for anyone interested in science majors, medicine, physical or occupational therapy, pharmacy, optometry, dentistry, veterinary medicine, engineering, or education. This course is a mathematical introduction to the concepts and laws of physics. Topics covered include mechanics, Newton's laws, momentum, energy, heat and kinetic theory, waves, optics, electricity and magnetism, and modern physics. Emphasis is placed upon experimentation and problem-solving skills.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

PS 849 HONORS PHYSICS

Grade: 12

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Concurrent enrollment in math 539 or above, science department recommendation

Dual Credit: Saint Louis University

4 credit hours: PHYS 1220 / 1235 - *General Physics I*

4 credit hours: PHYS 1240 / 1255 - *General Physics II*

Description: This honors-level course is recommended for anyone interested in science majors, medicine, physical or occupational therapy, pharmacy, optometry, dentistry, veterinary medicine, engineering, or education. This course is a mathematical introduction to the concepts and laws of physics. Topics covered include mechanics, Newton's laws, momentum, energy, heat and kinetic theory, waves, optics, electricity and magnetism, and modern physics. Emphasis is placed upon experimentation and problem-solving skills.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.



SC 841 ENGINEERING

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: Grade of "C" or better in all science and math courses and concurrent enrollment in math junior / senior level math

Description: This class is designed for students who may be interested in majoring in engineering or who are interested in learning about engineering. Students will study different aspects of engineering through the design process. Emphasis will be placed upon applying the design process to various topics and projects including robotics.

SC 845 FORENSIC SCIENCE

Grade: 11,12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: Any Biology and Chemistry course

Description: This is a course in which students will be working in teams to solve "crime" scenarios using scientific knowledge and critical thinking. It will involve all areas of science, including biology, anatomy, chemistry, physics, and earth science. Using the available technology, the students will record data, draw conclusions, and formulate the best method for communicating their results to propose crime scene solutions. Hands-on laboratory activities with laboratory reports are an important part of this course. Each student may be required to write a report and give an oral presentation on a topic that is pertinent to the course.

SC 851 INTRODUCTION TO ROBOTICS

Grade: 9, 10, 11, 12

Credit: ½ Credit

Length: 1 Semester (school day, 1st semester only)

Prerequisite: Grade of "C" or better in all science and math courses.

Description: This course is designed for students with little or no prior robotics experience that are interested in learning about robotics and plan to major in STEM fields. The course will meet during the normal school day. During the course of the semester, students will plan, design and build a fully functioning robot. Through this process, students will learn about all aspects of building a robot, specifically, the mechanical, electrical, and computer science components.

SC 855 ROBOTICS (AFTER SCHOOL)

Grade: 9, 10, 11, 12

Credit: ½ Credit (only if 851 has been completed)

Length: 1 Semester (after school, 2nd semester only)

Prerequisite: SC 851; Grade of "C" or better in all science and math courses.

Description: This course is for those students who would like to be immersed in the FIRST Robotics Competition experience. The design and build of the competition robot give students an unparalleled opportunity in engineering and computer science. This design and build process will include computer aided design, fabricating and assembling, wiring, and programming. Students in this course will be expected to take lead roles in this process as they will also mentor students who join the team through the extracurricular Robotics Club. Responsibilities beyond the engineering and computer science of the robot will include implementing a fundraising plan, developing and balancing the team's annual budget, creating promotional designs, designing and updating the team's web page, and presenting information about the robot and team to various groups.

SOCIAL STUDIES

SS 913 GEOECONOMICS

Grade: 9

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: Geoeconomics is an introductory course that explores the dynamic intersection of geography and economics, examining how these relationships influence global, national and local economic activities. Students delve into topics such as international trade, resource distribution, and geopolitical factors shaping economic landscapes. The curriculum integrates geographic concepts and economic principles, fostering a comprehensive understanding of how nations interact economically across borders. Through case studies and real-world examples, students gain insights into the impact of geographic factors on economic development, globalization, and geopolitical conflicts. This course equips students with analytical skills to assess economic patterns in diverse regions, preparing them to navigate the interconnected world of Geoeconomics.

SS 920 WORLD HISTORY II

Grade: 10

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: SS 912

Description: This course traces the development of World History via themes from the Ancient to the Modern World. This course is arranged into four themes which focus on the changes occurring in human civilization around the globe from 600 C.E. to the present day. The thematic approach encourages students to make connections between the people and places we study within each theme, allowing students more time for learning essential concepts and helping them to develop critical historical, geographical, reading, writing and thinking skills. The themes and key concepts discussed are intended to provide foundational knowledge for future college-level study of history.

SS 928 AP/HONORS WORLD HISTORY

Grade: 10

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: Teacher recommendation and SS 912

Description: This is a global history course that provides a cohesive approach to learning and understanding the history of the world while simultaneously preparing students to take the AP World History: Modern exam. In this course, students will explore our collective history beginning in 1200 and ending in our present moment. This course will help students learn how to use stories about our connected human past to orient themselves to their “now” and prepare for the future. We’re going to cover a lot of ground (and more than 800 years), but this course is not a typical march-through-time history class that covers one thing after another. Rather, the AP honors course uses a set of overarching inquiry problems along with the AP themes, situated at a variety of scales, to organize and facilitate teaching and learning.

SS 930 UNITED STATES HISTORY: CIVIL WAR TO THE PRESENT

Grade: 11

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: SS 920/SS 929

Description: This course traces the development of the United States from the pre-Civil War period to the modern day. Students will explore the political, economic, geographic, and cultural development of the United States.

SS 939 AP/HONORS UNITED STATES HISTORY: A SURVEY OF AMERICAN HISTORY

Grade: 11

Credit: 1 Credit

Length: 2 Semesters

Prerequisite: A grade of A in SS 920; B+ in SS 928; teacher recommendation

Dual Credit: Saint Louis University

3 credit hours: HIST 1600 - *History of the US to 1865*

3 credit hours: HIST 1610 - *History of the US Since 1865*

Description: The class is a rigorous survey of American history from the colonial period to the Reagan administration. Students will pursue a course of study which involves large amounts of reading (of text, documents, and other sources), research, and writing. Students will be encouraged to participate in class discussion and debate, and are challenged to become independent and critical thinkers. This class is taught at a college level and pace.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

SS 931 **SOCIOLOGY**

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course focuses on society and will discuss the relationships between people in diverse cultures. Students will study the methods that social institutions use to define cultural “norms” (i.e. values, principles, morals, and ethics). This course will also study the methods which various cultures use to define “social problems” (poverty, delinquency, racism, sexism, crises in education and health care, and urban/environmental issues). Understanding cultural diversity is a key objective, the ultimate goal for the course is for students to understand how all cultural norms are relative.

SS 935 **PSYCHOLOGY**

Grade: 11 or 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course is an introduction to the study of psychology, the science of human behavior. We will examine the five major areas (or schools) of psychology, psychoanalytic theories, behaviorism, social learning theories, trait theories, and humanistic psychology. This course will also evaluate abnormal psychology, thereby examining the major categories of psychological disorders and the various theories on the respective psychological treatments. The students are encouraged to become involved through class discussion and debate, as well as through the readings, research, and written assignments.



SS 950 AP/HONORS PSYCHOLOGY

Grade: 11, 12

Credit: 1

Length: 2 Semesters

Prerequisite: Seniors taking the class shall have achieved at least a grade of "B" in AP US History, or an "A" in US History and the approval of the instructor. Juniors taking the class must be enrolled in sophomore Honors World History and have at least an "A" in the class.

Description: AP Psychology is an honors-level, full year course designed to help students understand the study of the behavior and mental processes of people. Through this course students are exposed to the psychological facts and principles associated with the major subfields of psychology. They also learn about the ethics and methods psychologists use in their science and practice. This class will expose students to the history of psychology (beginning with Sigmund Freud) as well as the expanding schools (or approaches) of psychological thought. The various psychological research methods are a key component of understanding the historical context of this field. The students will be exposed to various biological and behavioral approaches to understanding the acquisition of personality (i.e. learning, cognition, motivation, and emotion). Through this course students will also be exposed to developmental psychology-beginning at infancy and moving throughout the lifespan. Through the course the student will understand the various causes of abnormal behavior and the array of treatments associated with the various categories of abnormal psychology. Ultimately, students will be shown how psychological thought can help one better understand social behavior. This is an AP/Honors course designed for students who seek a more rigorous course of study than that provided by the one-semester, non-honors option. The class will be taught at a college level and pace, and students may achieve college credit by taking the Advanced Placement test in May.

SS 936 THE HOLOCAUST – THEN AND NOW

Grade: 10, 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: "The Holocaust – Then and Now" is a class that will look at the genocide perpetrated against the Jews by the German government in World War II. We will look at the motives, actions, and results of the Holocaust. We will then move on to a more general discussion of other genocides that have occurred in the world- for example, Rwanda, Bosnia, and Darfur-in an attempt to assess why such tragedies occur and how they can be prevented in future.

SS 932 MICROECONOMICS

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: Microeconomics is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy.

SS 946 YOU AND THE LAW

Grade: 11, 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: None

Description: This course will help students to understand how the legal system in the United States works. Students will study the different kinds of crime, police investigation procedures, as well as looking at the role of the courts and law in our state. This class would be beneficial for any student with an interest in criminal justice, police work, or the law.

SS 951 HONORS WOMEN'S AND GENDER STUDIES

Grade: 11,12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: Cumulative GPA of 3.0 or higher

Dual Credit: Saint Louis University

3 credit hours: WGST 1900 - *Introduction to Women's and Gender Studies*

Description: This honors level course examines issues concerning women in a variety of disciplines, including the humanities, the social sciences, the sciences, and art. Students will study and learn to critique recent women's history, contemporary media, popular culture, and global issues while working toward greater justice and freedom in both personal and global settings.

Note: A cumulative GPA of a 3.0 or higher is required to enroll in the dual credit.

SS 943 UNITED STATES GOVERNMENT AND POLITICS

Grade: 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: SS 930

Description: This class is meant to give the students an understanding of the American Constitution and political process. We will study the Constitution, bringing in current issues that challenge our government today. All Missouri high school students are required to pass a Constitution test for graduation; that test is given as the final examination for this class.

SS 949 AP/HONORS UNITED STATES GOVERNMENT AND POLITICS

Grade: 12

Credit: ½ Credit

Length: 1 Semester

Prerequisite: The student shall have achieved at least a grade of B in AP United States History/SS 939

Description: This course is an honors-level course taken for one semester at the senior level. Students who wish to get college credit for this class may do so by taking the AP exam in May. This class is taught at a college level and pace. Advanced Placement (AP) Government and Politics is a review of the American government and political process. Students will gain an in-depth understanding of the individuals and institutions that shape the American political system. Students will pursue a course of rigorous study which will include large amounts of reading (of the text, documents, and other materials) research, and writing. Students will be encouraged to participate in classroom discussion and debate, and will be challenged to become independent and critical thinkers.



URSULINE

ACADEMY