

Duchesne High School

Course Selection Guide

2024-2025



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A Message to Parents and Students

Choosing high school courses is an important aspect of a student's education. Courses form the foundation for the student's future pursuits. It is also part of a student's education in commitment.

Therefore, in selecting courses, take the following factors into consideration: the student's abilities, goals, plans for the future, and present interests. The student should discuss those factors with teachers and parents. If additional guidance is desired, the student should make an appointment with a school counselor.

When a student registers for courses, he or she makes a commitment to pursue those courses during the following school year. A schedule change should not be expected. Part of a student's education is learning how to deal with situations as they arise, rather than fleeing from them.

Students registered for a year-long course cannot transfer out of that class unless the first semester grade is a D or F.

The school's master schedule is constructed on the basis of course registrations. Therefore, after a student receives his or her schedule, it is unlikely that there would be space for a student to enter a course for which he or she did not register for originally.

Course overrides must be completed for students who want to register for a course for which they were not recommended. If a student registers for a course at a level not recommended by the department, he or she may not drop or change the course at semester.

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Our Mission

Duchesne High School is a Catholic, college preparatory school that embraces each student's unique, God-given gifts, shaping the student into a leader in mind, body, and spirit.

Mind

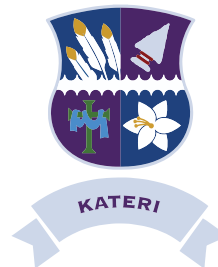
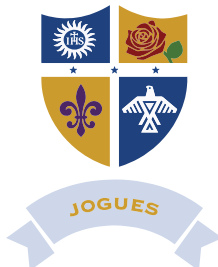
We challenge students with a rigorous curriculum and develop discerning, responsible leaders to impact a rapidly changing global community.

Body

We cultivate good stewards of God's creation by developing respect for the human body and instilling a positive approach to a healthy lifestyle.

Spirit

We continue the evangelizing mission of St. Rose Philippine Duchesne – to nurture love of God and His Church, to serve others, and to inspire moral excellence.



Credit Requirements

The following requirements must be met before a diploma will be awarded at Duchesne High School. A total of 28 credits must be earned in the following areas for graduation:

English	4 credits
Theology	4 credits
Math	3 credits
Science	3 credits
Social Studies*	3 credits
World Languages	2 credits
Physical Education**	1.5 credits
Fine Art	1 credit
Practical Art	1 credit
Electives	5.5 credits

* United States History is required.

** Students must have .5 credit of Fitness and Wellness for graduation. Only one activity-based PE class may be taken per semester.

1. A student must register for at least seven credits in each of the four years of school. For a student to be classified as a sophomore, he or she must have earned at least 7 credits by sophomore year; to be classified as a junior, at least 14 credits; to be classified as a senior, at least 21 credits.
2. Students with learning disabilities follow a program of courses according to their needs and abilities based on their records. They work with the Learning Consultant to develop a schedule.
3. All credits necessary for graduation must be passed.
4. Students registered for a year-long course cannot transfer out of that class unless the first semester grade is a D or F.
5. In a year-long course where a student has failed first semester, that student may earn recovery credit by passing the second semester. These courses may include some Math, Science, and World Language classes.
6. Credit for a failed class can be made up in summer school, a recovery credit course, a Missouri Extension correspondence course, or a Duchesne course taught by a Duchesne teacher. Any coursework must be approved by the administration.
 - a. If credit is made up by taking an additional course during the next regular school year at Duchesne, a fee comparable to a summer school course may be charged.
 - b. It is the student's responsibility to bring to the office, or have sent to the school, an official copy of a grade for make-up credit taken outside of Duchesne.
 - c. If a senior has failed a course that is needed to graduate, that student must bring to Duchesne an official record of all credits made up one week prior to the graduation ceremony to participate in graduation. If the deadline is not met, the student may not participate in graduation ceremonies.
7. A student's grade point average is cumulative throughout the student's entire high school career. It is calculated only at semester. Only courses taken at Duchesne are included in the GPA.
8. Weighted courses are marked with an asterisk (*) and are granted grade points as follows: A=5; B=4; C=3; D=2; F=0.

Academic Programs

Duchesne High School offers a comprehensive educational program with emphasis on the liberal arts. In addition to preparing for college or other post-high school education, the student prepares for future work experiences.

The following pages list the course requirements for graduation as well as courses offered at Duchesne with brief course descriptions and prerequisites for them. Some of these descriptions list books and videos that may be used in the class. The list does not limit the use of other resources, or a guarantee that they will be used in the course.

In courses with prerequisites, a student may register for a class, but become ineligible for that class by the end of the year. The student will be moved down to the appropriate class before the school year starts.

Duchesne Scholars Academy

The Scholars Academy progressively layers curriculum and guides students to self-directed study. The Scholars Academy is limited to students who have earned superior scores on national standardized tests and completed the application process. To continue through the program and graduate as a Scholar, students will need to fulfill requirements beyond those dictated by the standard curriculum. Each graduate of the Scholars Academy will need to maintain a 4.0 G.P.A. and successfully complete 18 credit hours of honors, AP, or ACC courses, completing at least 4 credit hours per year. The courses selected must exemplify the core values of the Academy: curiosity and exploration. Additionally, students will need to successfully complete the 2.5 credit hours of auxiliary courses offered by the Scholars Academy.

AP & ACC Courses

Advanced Placement (AP) – AP is a nationally recognized program that utilizes a rigorous curriculum for high school students. An Advanced Placement exam is given in May as an assessment of the student’s success. A qualifying score on the AP exam may mean that a college or university will award college credit or enable the student to skip introductory courses in an area of study. Please check the college or university website for information about the advantages of AP.

Saint Louis University 1818 Advanced College Credit is college credit offered through the university to juniors and seniors in selected courses. To achieve credit for any course in the 1818 ACC program, a student must achieve a grade of “C” or above. However, if a student should earn a “D” or “F” in these courses, the grades will be permanently recorded on the student’s University transcript: Saint Louis University assesses the charges for these credit hours. To register with SLU for 1818 courses, a student must have an un-weighted cumulative GPA of a 3.0 or higher. Saint Louis University will grant only 11 credits a semester and no more than 30 hours of credit toward graduation. Colleges and universities have different ways of accepting and using ACC credit. It is important for students to check with their prospective schools to find out what is required.

University of Missouri - St. Louis Advanced College Credit offers college credit in Biology, Anatomy, Spanish, and French. To register with UMSL ACC courses, a student must have an un-weighted cumulative GPA of a 3.0 or higher. These classes are typically only open to juniors and seniors, but some sophomores may qualify. UMSL assesses the charges for these credit hours. Colleges and universities have different ways of accepting and using ACC credit. It is important for students to check with their prospective schools to find out what is required.

NCAA Eligibility

For students to play athletics at an NCAA school, there are courses, grade, and score requirements that need to be met to be eligible. Requirements vary based on division. See your coach or the counselor for more details.

English

4 Credits required

	Freshman	Sophomore	Junior	Senior
Option A	English Composition	English Literature	World Literature and Composition	American Literature and Composition
Option B	Literature and Composition	World Literature and Composition	American Literature and Composition	At least 2 Semesters Senior English Courses
Option C	Honors Literature and Composition	Honors World Literature and Composition	AP Language and Composition AP/ACC The Process of Composition & AP/ACC Advanced Strategies of Rhetoric/ Research	AP/ACC Faith, Doubt and Literature & AP/ACC Nation, Identity, and Literature May choose Senior English Courses

710 English Composition (Fr)

Year - 1 credit

Prerequisite: none

Continuing with skills learned in eighth grade, students will explore and develop an understanding of the power of language, as a means of improving written communication skills. Students will study texts from a variety of genres including: non-fiction, drama, poetry, and short fiction. The class will also examine the structure of English compositions including: simple, compound, and complex sentences; paragraphs, introductions, and conclusions. The course also features an extensive review of grammar. Proper mechanics, usage, vocabulary, and spelling are emphasized throughout the course.

712 Literature and Composition (Fr)

Year - 1 credit

Prerequisite: none

This course teaches students to read increasingly complicated arguments with understanding, and to write complex paragraphs and essays with clarity. To accomplish these tasks students will read a variety of literary genres including short stories, plays, and novels. Students will also write frequently to develop a mastery of the paragraph and a command of the five-paragraph essay. Students will learn the basics of research using databases. The course may cover the following works: *Romeo and Juliet*, *Of Mice and Men*, and *Animal Farm*.

- 714 *Honors Literature and Composition (Fr)** Year - 1 credit
Prerequisite: Superior test scores in reading and language.
Weighted
This course is an accelerated version of Literature and Composition and is designed for students already possessing a mastery of the paragraph. The class begins with instruction in the five-paragraph essay and offers students greater opportunities to write longer and more analytical essays. Students will also read a variety of literary genres but will do so at a quicker pace and with greater depth, while focusing on the literary elements of the works. The course may cover the following works: Shakespeare's *Merchant of Venice*, *Lord of the Flies*, and *The Other Wes Moore*.
- 720 English Literature (So)** Year - 1 credit
Prerequisite: none
This year-long course reviews and strengthens the student's understanding of various literary forms by reading and analyzing short stories, poems, non-fiction works, plays, and novels. This course also provides many opportunities for the student to improve reading and written communication skills. The research process will be introduced. A five-paragraph essay will be completed.
- 722 World Literature and Composition (So, Jr)** Year - 1 credit
Prerequisite: none
This course furthers the skills introduced in Literature and Composition. Students will continue to read a variety of literary genres. An emphasis on literature composed outside of America will seek to broaden global perspectives. Through frequent writing assignments, students will develop a mastery of the five-paragraph essay, and will gradually move to longer, more analytical compositions. The course may cover the following works: Homer's *The Odyssey*, Shakespeare's *Richard III* Yousafzai's *I Am Malala*, and Zusak's *The Book Thief*.
- 724 *Honors World Literature and Composition (So)** Year - 1 credit
Prerequisite: Minimum grade of a B in both semesters of Honors Literature and Composition, or a minimum grade of an A in Literature and Composition, and the department's recommendation
Weighted
The honors version of World Literature and Composition offers students an accelerated pace and a greater challenge in their writing assignments. The literature covered will be similar in scope to that addressed in World Literature and Composition, but it will be explored in greater depth. Composition instruction will assume mastery in the structure of a five-paragraph essay. Students will be introduced to elements of rhetoric, argument, and persuasion, and will be tasked with writing multi-page essays. The course may cover the following works: Achebe's *Things Fall Apart*, Coelho's *The Alchemist*, Homer's *The Odyssey*, Shakespeare's *Richard III* and *Othello*.

732 American Literature and Composition (Jr, Sr)

Year - 1 credit

Prerequisite: none

This course celebrates the beauty of America through its literature. Readings center on the poets, novelists, and short story writers of American Literature and cover Americans of various genders, generations, and ethnicities. The works are explored for what they reveal and reflect about the constantly evolving American experience. Writing will center on response to, and analysis of the writers studied in this course. In addition, students will successfully complete a research paper. The course may cover the following works: Miller's *The Crucible*, Bradbury's *Fahrenheit 451*, and Fitzgerald's *The Great Gatsby*. Additionally, the class may view *The Last of The Mohicans*.

738 *AP Language and Composition (Jr, Sr)

Year 1 credit

Prerequisite: Minimum grade of a B in both semesters of Honors World Lit and Composition and the department's recommendation. Weighted

This course is two-fold, serving as both an introduction to the Process of Composition and a preparatory study for the AP English Language and Composition Exam. While not all students may elect to take the AP Exam at the end of the year, both aspects of the course cultivate the reading and writing skills that students need for college success and for intellectually responsible civic engagement. Students will engage in frequent writing assignments, as well as multiple stages of drafting, careful editing, and collaborative writing workshops. Students will also examine texts in multiple forms and from multiple genres, primarily nonfiction, to expand their understanding of the English language and rhetoric. This course aims to prepare students beyond the AP Exam, giving them the tools and experience necessary to become master writers, readers and speakers.

- 746 *AP/ACC Faith, Doubt and Literature (Sr)** Semester 1 - .5 credit
[SLU-ENG-2350] 3 SLU Credit Hours
Prerequisite: Minimum grade of a B in both 736 & 737 and the department's recommendation. For ACC credit an unweighted GPA of 3.0 is required.

Weighted

English 2350 is a Saint Louis University class taught at Duchesne allowing the student to earn both high school and college credit. On rare occasions students may opt not to receive college credit for the course, but they are still required to take the class under the obligations of the college syllabus. Students will be evaluated on essays and exams.

The course introduces literary study within the context and theme of Faith and Doubt. Through the reading of a wide variety of genres – including drama, poetry, and fiction – this course engages students in literary ways of knowing. Methods include close reading, comparative textual analysis, and argumentative writing.

The course may cover the following works: Euripides' *The Bacchae*, Sophocles' *Philoctetes*, Dostoevsky's *The Brothers Karamazov*, & Shakespeare's *Henry IV Parts 1*.

See the section on AP & ACC Courses for additional information.

- 748 *AP/ACC Nation, Identity and Literature (Sr)** Semester 2 - .5 credit
[SLU-ENG-2850] 3 SLU Credit Hours
Prerequisite: Minimum grade of a B in both 736 & 737, enrolled in 746, and the department's recommendation. For ACC credit an unweighted GPA of 3.0 is required.

Weighted

English 2850 is a Saint Louis University class taught at Duchesne allowing the student to earn both high school and college credit. On rare occasions students may opt not to receive college credit for the course, but they are still required to take the class under the obligations of the college syllabus. Students will be evaluated on essays and exams.

The course introduces literary study within the context and theme of Nation and Identity. Through the reading of a wide variety of genres – including drama, poetry, and fiction – this course engages students in literary ways of knowing. Methods include close reading, comparative textual analysis, and argumentative writing.

The course may cover the following works: Morrison's *Beloved*, and Whitehead's *The Underground Railroad*.

See the section on AP & ACC Courses for additional information.

Senior English Electives

Seniors need to take at least one English course each semester. They may take more if their schedule allows it.

- 753 Topics in Literature: Holocaust in Media (Sr)** Semester - .5 credit
Prerequisite: none
The Holocaust is one of the most disruptive events in modern history. Through close discussion of literature and film we will explore the origins and the development of persecution and mass murder of the European Jewry during World War II. During the course we will address major questions such as: Why did people participate in persecution? Could people resist? Who did help the Jews? Could the Holocaust have been prevented? These questions are still valuable today. Key themes we will explore include: the personalities of the perpetrators, the lives of the victims, the role of the bystanders, and the motives of the rescuers. We will discuss movies by famous filmmakers including Chaplin, Polanski, and Spielberg, as well as documentaries, novels and diaries. Using both fiction and non-fictional material we will also touch upon the eternal debate between historians and artists about the interpretation of past events.
- The course will cover the following works: Frankl's *Man's Search for Meaning*, Spiegelman's *Maus I*, Weisel's *Night*, Levi's *Survival in Auschwitz*. Students will also view the following films: *Schindler's List*, *Conspiracy*, and *The Pianist*.
- 760 Post-Apocalyptic Literature (Sr)** Semester - .5 credit
Prerequisite: none
Doomsday scenarios projecting the end of civilization has been with us since the beginning of ancient times, but with the 20th century and the threat of the nuclear proliferation, antibiotic resistant diseases, cyber-attacks, environmental disasters and ZOMBIES, this genre is once again defining our culture. Each novel study will consider the following questions: How will our world be destroyed? How can survivors reconstruct a society out of such enormous wreckage? Under these extreme conditions, what truths do we discover about human nature? What do we value the most?
- In addition to shorter works, and excerpts of longer works, the course will examine the following complete novels and films: *World War Z*, *Lucifer's Hammer*, *Station Eleven*, *Alas Babylon*, *One Second After*, *Night of the Living Dead*, *Deep Impact*, *The Road*, and *Trigger Effect*
- 763 Major Authors: Shakespeare (Sr)** Semester - .5 credit
Prerequisite: none
William Shakespeare's influence on the English language and literary tradition is hard to overestimate. His relevance to our day and age, however, goes far beyond the language and plots modern authors and TV writers use to keep us entertained. His plays explore remarkably modern problems such as aging rulers (*King Lear*) and women's agency and their mistreatment by powerful men (*Measure for Measure*). They also tell stories of witty women and sarcastic men learning to accept their feelings (*Much Ado About Nothing*) and broken families learning to forgive (*The Winter's Tale*) or finally—literally—facing ghosts of their past (*Hamlet*). They give us men and women whose brilliance and bloodthirstiness bring their own downfall (*Macbeth*) and fairies and wizards who are still all too human (*The Tempest*).

Shakespeare sticks with us because he speaks to things we still care about—who we are, and how we relate to each other.

These are just some of the possible themes and works we may explore in this course. With in-class reading (and performances!) of Shakespeare’s works, film adaptations, and literary analysis exercises, students in this course will practice understanding and appreciating Shakespeare’s language and remarkably modern characters and narratives. Student will also get a taste of college-level literary studies by engaging with secondary scholarship as they read and compose journal entries and a few short essays. In some cases, students may also have the opportunity to complete alternative creative assignments.

764 Nature Literature (Sr)

Semester- .5 Credit

Prerequisite: none

“Nature” may be one of the most important words in the English language: it’s how we decide who we are – our human nature – and it describes what Pope Francis calls our “common home” teeming with life including and beyond our human societies. With man-made climate change presenting an increasing threat to our “common home,” however, we are forced to confront the nature of our relationship with nature. Why do we human beings hurt our natural world? What makes us different from the other living creatures who inhabit our “common home”? Why are nature metaphors everywhere in English literature?

This course will explore these questions and more through close reading and analysis of a variety of fiction, non-fiction, poetry, and film, we’ll start by considering the question of how it is that human beings cope with environmental disaster with the help of film (eg. *Mad Max: Fury Road*) and non-fiction (excerpts from Pope Francis’s *Laudato Si’* and *Laudate Deum*). We’ll then explore human beings relationship with nature as it changes over time through a variety of short fiction and poetry (e.g., William Shakespeare, Walt Whitman, Gerard Manley Hopkins, T.S. Eliot, Aesop’s fables, Karen Russell, Kim Stanley Robinson, etc.) We’ll wrap the semester with a focus on what humanity’s relationship with nature could be through non-fiction (e.g., Rebecca Solnit’s *A Paradise Built in Hell*), speculative fiction, and film.

The work for this course will include in-class discussions and exercises, reading journals, and short essays. In some cases, students will have the opportunity to complete alternative assignments involving creative writing and nature exploration.

Scholars Academy

SA131 Inquiry Based Humanities (Jr.)

Semester 2 - .5 credit

Prerequisite: Continuance in the Duchesne Scholars Academy

Weighted

The term *humanities* serves as a catch-all signifier for a broad range of disciplines that attempt to answer the seemingly simple question: what does it mean to be human? Disciplines that fall underneath the humanities umbrella include but are not limited to: art history, philosophy, theology, music history, psychology, and literature. These disciplines address some of our most pressing questions in an attempt to provide a deeper understanding of humanity. Some of these questions address the importance of love, the strength and influence of God, the creation and relevance of the rule of law, and the rise of and threats to human rights. The Scholars Academy Humanities course is designed to give students a principal stake in how the class addresses such questions. The students will work democratically with the instructors to generate a unique syllabus, including the topics, assignments, and evaluations.

Fine Art

1 Credit Required

ART

- 610 Art 1 (Fr, So, Jr)** Semester - .5 credit
Prerequisite: none
This is a course that provides an introduction to art through a multi-media experience. Students will gain a stronger understanding of and appreciation for the visual arts through study of the following areas: Elements of Art, Principles of Design, Art History, Art in the Workforce, and Craftsmanship. Students must supply their own materials.
- 612 Drawing 1 (So, Jr, Sr)** Semester - .5 credit
Prerequisite: Art 1
This is an introductory level course in which students will learn to select and apply two dimensional media, techniques, and processes to communicate ideas and solve challenging visual art problems. Students will explore the following modes of drawing: Line, Hyperrealism, Anamorphic, Architectural, and Surrealism. Various media such as pencil, charcoal, ink and mixed media will be used. Students must supply their own materials.
- 614 Painting 1 (So, Jr, Sr)** Semester - .5 credit
Prerequisite: Art 1
This is an introductory level course in painting dealing with the study of value, color, lighting, and composition. Students will explore various painting techniques and media, including acrylic and watercolor paints. Students must supply their own materials.
- 624 Painting 2 (So, Jr, Sr)** Semester - .5 credit
Prerequisite: A "C" or higher in Painting 1
This is an advanced course for students who want to continue their study of painting. Students will learn to independently apply two dimensional media, techniques, and processes to communicate ideas and solve challenging visual art problems. Students will further explore their own artistic processes and will deepen the meaning of their work. Students must supply their own materials.
- 616 Ceramics 1 (So, Jr, Sr)** Semester - .5 credit
Prerequisite: none
This course deals with the medium of clay. Students will be introduced to the various methods of clay construction and the compositional elements associated with sculpture. This course places heavy emphasis on exploring the medium with craftsmanship and effort. Students must supply their own materials as needed.
- 626 Ceramics 2 (So, Jr, Sr)** Semester - .5 credit
Prerequisite: A "C" or higher in Ceramics 1
This is an advanced course for students who want to continue their study of ceramics. Students will further explore and improve upon hand building methods, glaze applications, and advanced detail work. Students will learn to independently work through technical skills, as well as their creative and problem-solving processes. Students must supply their own materials as needed.

- 628 Mixed Media** (So, Jr, Sr) Semester - .5 credit
 Prerequisite: Art 1
 In this course, students will create works of visual art that combine a variety of art media with an emphasis on three dimensional works. Projects may include collages, art journals, recycled art, plaster carving, ceramics, and a study of mixed media artists. Students should have a strong foundation in the elements of art and the principles of design. Students must supply their own materials.
- 618 Digital Photography** (So, Jr, Sr) Semester - .5 credit
 Prerequisite: Must have a digital camera that has the ability to adjust the shutter speed, ISO, and aperture.
 This is an introductory course in digital photography and photo editing. Basic camera and composition skills will be covered, as well as evaluating and using editing apps. This course involves hands on experience with the camera and iPad.
- 629 Art Seminar** (Jr, Sr) Semester - .5 credit
 Prerequisite: Art 1 and one other art class
 This course is for students who are planning to pursue art post secondary school and require a portfolio of artwork. Students may choose from a variety of drawing, painting, and sculpture. Researching college art programs and art careers will be discussed. Students must supply their own materials.

Drama

- 630 Acting 1** (So, Jr, Sr) Semester - .5 credit
 Prerequisite: none
 This introductory theater course covers theater games, beginning movements, stage terms, character development, pantomime, and improvisation. Major projects include monologue, duet acting, and small group scenes. Emphasis is placed on imagination and creativity.
- 632 Acting 2** (So, Jr, Sr) Semester - .5 credit
 Prerequisite: Acting 1
 In this theater course students, will continue to work on creating characters for pantomimes, improvisations, duet acting, group scenes, and plays. Special emphasis will be given to understanding to character development and the cooperation needed for a production.
- 638 Creative Drama and Improvisation** (So, Jr, Sr) Semester - .5 credit
 Prerequisite: none
 This is a workshop type class that seeks to develop ensemble improv skills, interactive characterization, and performance elements. Students need no prior experience in either improvisation or interactive theater. Students should feel comfortable in front of groups or willing to work on becoming comfortable.

634 Video Productions 1 (So, Jr, Sr) Semester - .5 credit
Prerequisite: none
This course is an introduction to electronic video production. Students will learn the basics of writing, producing, and editing videos. Through hands-on experience, students will learn the basics of operating SSLR cameras and use editing software. Student will also learn the skills necessary to produce live-to-tape or livestreamed programming using Duchesne's television studio.

644 Video Productions 2/Broadcasting (So, Jr, Sr) Semester - .5 credit
Prerequisite: Video Productions 1 and teacher approval.
This course focuses on the production of student-run livestreamed programming. Students will conceive of and produce their own video podcast and livestream their program once a week. Each show will require students to take on the rolls of executive producer, on-air talent, technical director, audio board operator, and teleprompter. Students will create their own graphics and music if needed. Students will practice meeting deadlines.

Music

662 Concert Choir (Fr, So, Jr, Sr) Year - 1 credit
Prerequisite: none
This class is designed for any student who wants to learn to sing and understand music. Students will work on sight reading and part singing. Students will learn to play piano well enough to help them work on their singing part. This choir performs 2-part, 3-part and 4-part music written for a large choir. The fall, Christmas and spring concerts, as well as performances at competition and in the community are required. A calendar will be provided at the beginning of each semester. This course fulfills your fine arts credit.

664 *Honors Vocal Ensemble (So, Jr, Sr) Year - 1 credit
Prerequisite: Music performance experience at Duchesne, audition, and teacher approval
Weighted
This mixed Chorus is designed to provide the opportunity for advanced vocal students to sing in a small performing ensemble. Emphasis on jazz and chamber music styles. Students will work on sight reading and part singing. Students will learn to play piano well enough to help them work on their singing part on their own. This choir performs challenging 3 or 4-part music written for a large choir. **Please note: this choir performs at many events outside of normal school.**

Students are required to take part in District Choral Events.

- 678 Music Lab** (Fr, So, Jr, Sr) Semester - .5 credit
 Prerequisite: none
 This course is designed for students with little or no musical experience who would like to learn the basics of playing a musical instrument. Students will NOT be required to participate in some school performances outside of class time. Students will learn to read music while learning to play instruments. Students will choose between flute, clarinet, saxophone, French horn, trumpet, trombone, tuba, or percussion. If these students choose to go on in one of the DHS Bands, they will be welcome to audition for the DHS Concert Band.
- 672 Concert Band** (Fr, So, Jr, Sr) Year - 1 credit
 Prerequisite: Previous instrumental experience, audition, and teacher approval
 This course is designed for students with previous instrumental experience who wish to further their musical abilities. Concert and pep music will be studied. During the school year, there are required school concerts, football, and basketball games, as well as concert band competitions and community performances.
- 674 *Honors Concert Band** (Jr, Sr) Year - 1 credit
 Prerequisite: Audition and teacher approval
 Weighted
 This is a full credit class available to for those who are at an advanced playing level. In addition to maintaining a minimum 93% band grade for each grading period, students enrolled in band for honors credit will also satisfy each of the following three components: Performance, Community Service, and Listening.

 Students are required to take part in District Band Events.
- 676 Jazz Band** (Fr, So, Jr, Sr) Year - .5 credit, 2-3 a week
 Prerequisite: Previous instrumental experience, audition, and teacher approval
 This course is designed for students with previous instrumental experience who wish to explore and develop their interest in jazz. Various styles of jazz music as well as improvisation will be studied. Required performances include school concerts as well as jazz competitions and community performances.
- 684 Music Theory** (So, Jr, Sr) Semester - .5 credit
 Prerequisite: Teacher approval
 This course is designed for students with previous instrumental or vocal experience and who are highly motivated in music. Students will be introduced to the fundamentals of music theory including scales, intervals, chord structure, transposition, analysis and composition.
- 668 Chamber Ensemble** (Fr, So, Jr, Sr) Semester - .5 credit
 Prerequisite: Must be a member of Choir or Band with teacher approval
 This course is designed for students who want to expand their musical abilities. Percussion, body percussion, and varying musical instruments will be used in this program. This will be a high octane, highly rhythmic class. Students will perform in small groups to enhance the understanding of tonality, balance, and tuning. This will be a fast-paced class that is full of excitement. Students will perform at three major concerts during the school year.

Mathematics

3 Credits Required

Students enrolled in math classes are expected to study and do math homework one hour per day, on the average. Therefore, students must schedule this amount of time among their priorities in order to succeed in math.

	Freshman	Sophomore	Junior	Senior
Option A	Algebra 1A	Algebra 1B	Geometry A	Algebra 2A
Option B	Algebra 1	Geometry	Algebra 2 Algebra 2A	Algebra 3 ACC College Algebra
Option C	Honors Algebra 1	Honors Geometry	Honors Algebra 2	Pre-calculus AP Statistics ACC College Algebra
Option D	Honors Algebra 1	Honors Geometry	Hon. Alg. 2 & Trigonometry (.5)	ACC/AP Calculus AP Statistics ACC College Algebra
Option E	Honors Geometry	Honors Algebra 2	AP Statistics & Trigonometry (.5)	ACC/AP Calculus ACC College Algebra
Option F	Honors Geometry	Honors Algebra 2	ACC College Algebra & Trigonometry (.5)	ACC/AP Calculus AP Statistics

310 Algebra 1A (Fr) Year - 1 credit

Prerequisite: none

This course is designed for students who have not had any Pre-Algebra coursework. The course includes sets, real numbers, solving equations and inequalities, polynomials, and graphs of linear equations, and verbal problems. It will move at a slower pace and have less theory than Algebra 1 in order to be sure students have a good understanding of Algebra.

312 Algebra 1 (Fr) Year - 1 credit

Prerequisite: Average test scores in math.

This course includes sets, real numbers, solving equations and inequalities, polynomials, graphs of linear and quadratic equations, and verbal problems.

314 *Honors Algebra 1 (Fr) Year - 1 credit

Prerequisite: Superior test scores in math.

Weighted

This course includes sets, real numbers, solving equations and inequalities, polynomials, graphs of linear and quadratic equations, and verbal problems. Students enroll in this class are expected to move at a more rapid pace.

320 Algebra 1B (So) Year - 1 credit

Prerequisite: Algebra 1A

This course will continue from the material covered in Algebra 1A.

- 322 Geometry (So)** Year - 1 credit
 Prerequisite: Algebra 1
 This course is the study of plane and coordinate geometry, definitions and axioms, with proofs and deductive reasoning, polygons, constructions, and formulas. Topics include deductive reasoning, proofs, polygons, constructions, and formulas.
- 324 *Honors Geometry (Fr, So)** Year - 1 credit
 Prerequisite: Minimum grade of a B Honors Algebra 1. Freshman placement is determined by the Duchesne High School placement test.
 Weighted
 This course is the study of plane and coordinate geometry, definitions and axioms, proofs and deductive reasoning, polygons, constructions, and formulas. Students who enroll in 324 are expected to cover material in more depth.
- 330 Geometry A (So, Jr)** Year - 1 credit
 Prerequisite: Algebra 1A, Algebra 1B, or Algebra 1
 This course is the study of plane and coordinate geometry, definitions and axioms, with proofs and deductive reasoning, polygons, constructions, and formulas. Topics include deductive reasoning, proofs, polygons, constructions, and formulas.
- 332 Algebra 2 (Jr, Sr)** Year - 1 credit
 Prerequisite: Algebra 1 and Geometry
 Algebra 2 provides a more critical review of the topics in Algebra 1. This course will develop in the student an understanding of number systems and a facility for using algebraic expressions. Algebra 2 stresses both the structure of algebra and the development of computational problem-solving skills.
- 334 *Honors Algebra 2 (So, Jr)** Year - 1 credit
 Prerequisite: Minimum grade of a C in Honors Geometry
 Weighted
 This course provides a more critical review of the topics in Algebra 1. This course intends to develop in the student an understanding of number systems and a facility for using algebraic expressions. Algebra 2 stresses both the structure of algebra and the development of computational problem-solving skills. Students who enroll in the 334 level are expected to move at a more rapid pace. Extra work is part of this course.
- 335 *Trigonometry (So, Jr)** Semester 2 - .5 credit
 Prerequisite: Enrolled in Honors Algebra 2, Statistics, or College Algebra
 Weighted
 For second semester Juniors who plan to take Calculus or AP Physics.
 Trigonometry is an excellent example of unified mathematics. It is a true correlation of arithmetic, algebra, and geometry. Topics include logarithmic functions, trigonometric functions, applications, graphical representation, identities, complex numbers and verbal problems.
- 340 Algebra 2A (Jr, Sr)** Year - 1 credit
 Prerequisite: Algebra 1A, Algebra 1B, Geometry A, Geometry
 Algebra 2A provides a more critical review of the topics in Algebra 1. This course intends to develop in the student an understanding of number systems and a facility for using algebraic expressions. Algebra 2A stresses both the structure of algebra and the development of computational problem-solving skills.

- 342 Algebra 3 (Jr, Sr)** Year - 1 credit
 Prerequisite: Completion of Algebra 2 or Honors Algebra 2
 This course will develop in the student an understanding of number systems and a facility for using algebraic expressions. Algebra 3 stresses both the structure of algebra and the development of computational problem-solving skills. This course is a strong preparation for college algebra.
- 344 *Precalculus (Jr, Sr)** Year - 1 credit
 Prerequisite: Minimum grade of a C in Honors Algebra 2
 Weighted
 This course deals with advanced topics of mathematics. Topics include: Functions of real numbers, advanced graphing, trigonometry, polynomials, and logarithms. This course should strongly be considered by any student planning on pursuing a career in engineering, math or physical sciences.
- 346 *ACC/AP Calculus (Jr, Sr)** Year - 1 credit
 Prerequisite: Minimum grade of a C in Honors Algebra 2 and Trigonometry or minimum grade of a C in Precalculus.
 Weighted
 This course is designed as a first calculus course covering the topics of differential and integral calculus and analytic geometry. A strong background in algebra and trigonometry is necessary. The course emphasizes functions, limits, derivatives and integrals. Geometry is the basis for much discussion within the course. Emphasis is also placed on problem solving strategies, understanding of concepts, and computational techniques. An emphasis is also placed on writing to communicate mathematics. Group work is part of this course. Students will have the option of registering for college credit through Saint Louis University.
 See the section on AP & ACC Courses for additional information.
- 348 *ACC College Algebra (Jr, Sn)** Year - 1 credit
 Prerequisite: Teachers Recommendations
 This course includes algebraic essentials, graphs, functions and their graphs, linear and quadratic functions, polynomial and rational functions, exponential and logarithmic functions, systems of linear equations. Students will have the option of registering for college credit through Saint Louis University.

 See the section on AP & ACC Courses for additional information.
- 352 *AP Statistics (Jr, Sr)** Year - 1 credit
 Prerequisite: Honors Algebra 2, or Algebra 2.
 TI 84 plus Silver graphing calculator required
 Weighted
 The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes:
 1. Exploring Data: Describing patterns and departures from patterns
 2. Sampling and Experimentation: Planning and conducting a study
 3. Anticipating Patterns: Explore random phenomena using probability & simulation
 4. Statistical Inference: Estimating population parameters and testing hypotheses
 Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course.

 See the section on AP & ACC Courses for additional information.

Physical Education

1.5 Credits Required

Students must take one full credit of Physical Education and a half credit of Fitness and Wellness (Health) during their four years. All activity classes and Fitness and Wellness courses are a half credit. A student must take two Physical Education classes to meet the one credit requirement for Physical Education and take Fitness and Wellness One or Two at some time to meet the one-half credit requirement for Fitness and Wellness. A student may not be enrolled in two activity-based PE classes in the same semester.

812 Fitness and Wellness 1 (Fr, So) Semester - .5 credit

Prerequisite: none

This course helps students examine their lifestyles, select goals, and make plans to achieve optimum fitness and wellness. Students are instructed in ways to choose behaviors that prevent illness and accidents. The areas of concern included in this course are promoting a healthy lifestyle; behaviors and reducing health risks; building health skills; decision making and goal setting; building character; exercise and fitness; physical activity injuries; nutrition; illegal substances; managing weight, fad diets and eating disorders; mental and emotional health; consumer and personal health.

832 Fitness and Wellness 2 (Jr, Sr) Semester - .5 credit

Prerequisite: none

The course focus is on current issues related to fitness and wellness. The course is designed to teach healthful living and responsible decision-making. The course includes topics such as: living a healthy life; building health skills and character; tobacco; alcohol; medicines and drugs; promoting safe and healthy relationships; family relationships; peer relationships; common communicable diseases; STD's, HIV/AIDS; non-communicable diseases and disabilities; first aid; and current lifestyle issues of our society.

Students must take two of the following:

814 Beginning Team Sports (Fr, So) Semester - .5 credit

Prerequisite: none

During this course, students are introduced to the rules and strategies of various team sports. In some cases, rules are modified to accommodate the range of skill. The primary focus of the class is history of various team sports, skill development and knowledge of rules. This course includes such activities as volleyball, basketball, football, softball, soccer, fleet ball, wiffle ball, and floor hockey.

816 Individual and Dual Sports (Fr, So) Semester - .5 credit

Prerequisite: none

In this course, students are introduced to the rules and strategies of various individual and dual sports. Students will develop knowledge of history, strategy and rules of activities such as: Table tennis, Tennis, Pickle ball, Badminton, Frisbee golf, Washers, Horseshoes, and Ladder ball.

824 Aerobics (So, Jr, Sr) Semester - .5 credit

Prerequisite: none

This course is designed to promote individual fitness through aerobic type activities. Students are instructed in the proper use of stretching exercises applicable to each major muscle group of the body. Through aerobic activity, students gain knowledge about cardiovascular fitness. Each student will develop a fitness program designed for his or her needs.

This course involves physical fitness testing, followed by activities such as: walking, jogging, jump roping, aerobic video tapes, stair climbing, plyometrics, Pilates, Tae Bo, Yoga and some weight room activities.

826 Weight Training (So, Jr, Sr) Semester - .5 credit

Prerequisite: none

Students are trained in proper and safe weight training techniques. In this course, students participate in a weight training program and chart individual progress. In addition to lifting weights, students gain knowledge about the various muscle groups and the effects of training.

Individual workouts will be designed from at least two of the following types: circuit training, plyometrics, isometric, isokinetic, universal machine, and free weights.

828 Advanced Team Sports (So, Jr, Sr) Semester - .5 credit

Prerequisite: none

This course is a continuation of the beginning team sports class offered during the freshmen and sophomore years. This course is designed for the moderately skilled athlete who prefers competitive activities. The course focus is on strategy and competition. Students will learn advanced skills of team sports such as: basketball, football, floor hockey, volleyball, soccer and softball. During the semester, there are class tournaments and competitions in the various activities.

Practical Arts

1 Credit Required

- 510 Computer Applications** (Fr, So, Jr, Sr) Semester - .5 credit
Prerequisite: none
This course will explore a wide variety of computer topics ranging from inner workings of the computer to using office applications including word processing, database, spreadsheet, and presentation software. Students will be introduced to the basics of creating and maintaining a website throughout the course of the semester.
- 514 Web Design** (Fr, So, Jr, Sr) Semester - .5 credit
Prerequisite: Computer Applications
Introduction to the design, creation, and maintenance of web pages and websites. No prior web development is necessary. Students will learn how to critically evaluate website quality, understand web design standards, create and manipulate images, all while maintaining a quality webpage. The course progresses from introductory work on web design to a culminating project.
- 516 Programming I** (Fr, So, Jr, Sr) Semester - .5 credit
Prerequisite: Computer Applications
This introductory programming course uses the Python programming language to introduce students to the basics of how Python works, including manipulation of strings, math operations, and writing functions. This class will be taught using Python 3. This course is designed for students interested in learning more about programming and computer logic. No previous programming experience is required to complete this course successfully.
- 518 Programming II** (So, Jr, Sr) Semester - .5 credit
Prerequisite: Programming I
This course is designed for those students seeking advanced programming experience while still in high school. This course teaches the fundamentals of computer programming as well as some advanced features of Python and Java language. Students will develop an appreciation for how computers store and manipulate information by building projects and designing games and art.
- 520 Robotics I** (Fr, So, Jr, Sr) Semester - .5 credit
Prerequisite: none
This robotics course is a lab-based course that uses a hands-on approach to introduce the basic concepts of robotics, focusing on the construction and programming of autonomous mobile robots. This course will provide students with the skills to build and problem-solve working robotics systems in a group-based team project.
- 526 Robotics II** (Fr, So, Jr, Sr) Semester - .5 credit
Prerequisite: Teacher Approval
This lab-based robotics course uses a hands-on approach to expand the basic concepts of robotics, focusing on the construction and programming of autonomous mobile robots. Students will work in groups to build and test increasingly more complex mobile robots, culminating in multiple robot contests. We will be using VEX EXP as our platform. Students will also be able to work and build on the First Tech Challenge robot that will be used in competition for the Duchesne Robotics team.

- 527 Robotics Independent Study** (So, Jr, Sr) Semester - .5 credit
Prerequisite: Teacher Approval
This class gives students the opportunity to work on building the First Tech Challenge (FTC) robot that will be used in competition for the Duchesne Robotics team. This course is designed to provide students with hands-on experience in robotics and engineering while also helping them develop critical thinking and problem-solving skills. Students will work designing the robot, selecting and assembling the necessary components, programming the robot, and testing its functionality. This course is an excellent opportunity for students who are interested in robotics and engineering to gain hands-on experience and develop important skills that will benefit them in their future careers.
- 530 The American Economy** (So, Jr, Sr) Semester - .5 credit
Prerequisite: none
The objective of this course is help students become acquainted with the business world by introducing them to economic concepts and business systems. This course will serve as a background for other business courses students may take in high school and college. Topics to be covered include both micro and macro economic concepts, including: supply and demand, scarcity, opportunity cost, effects of the economic cycle, etc. Also covered will be units on entrepreneurship, international business and preparation for the work force.
- 532 Personal Finance** (Jr, Sr) Semester - .5 credit
Prerequisite: none
This one semester course is designed to help students have a better understanding of personal finance literacy. The knowledge acquired in this course will lay the foundation for students to build strong money habits early on and avoid many of the mistakes that lead to lifelong financial struggles. Topics include: careers and college, taxation, money management and budgeting, saving and investing, debt avoidance, and insuring assets.
- 542 Marketing** (Jr, Sr) Semester - .5 credit
Prerequisite: none
This one semester course focuses on the activities involved in transferring business products from the warehouse to the consumer's home. This marketing course just may inspire students to study marketing at a more advanced level, which can be a springboard for a challenging and successful career in the business world. Whether you are a future marketing executive or simply want to be an informed everyday consumer, this course will teach marketing principles within a project-based curriculum. Students will learn to analyze consumer behavior, identify target markets, study external factors that influence marketing, and combine elements for an effective promotional mix.
- 552 Accounting 1** (Jr, Sr) Year - 1 credit
Prerequisite: none
This course is structured for a student interested in pursuing a business degree as well as learning the daily activities of owning or managing a business. The scope of the course covers the entire accounting cycle. Students will learn to journalize, post to ledgers and subsidiary ledgers, prepare and analyze financial statements, record adjusting and closing entries, prepare payroll records, and learn to offer educated financial advice. Computer programs are used for business analysis offering students a realistic view of the entire accounting cycle and the opportunity for practical

application. Any student interested in pursuing a business career should consider taking this course as it will offer an essential understanding of business operations.

554 *Honors Accounting 2 (Sr) Year - 1 credit

Prerequisite: Minimum grade of a B in Accounting 1 and Teacher recommendation.

Weighted

This second year course is career oriented and is designed for those students hoping to pursue an accounting or related business career. Being able to understand generally accepted accounting principles, budgeting, inventory and supply management, depreciation, account management, and basic tax rules can prepare you for tackling a variety of tasks in your future business career.

Students will review basic Accounting 1 principles and build upon these concepts with new terms and procedures. Corporate and Departmental accounting are the basis of the study of financial accounting, however, we will also consider the areas of Managerial, Cost, and Tax accounting. Computerized software programs are used in this course.

566 Yearbook (So, Jr, Sr) Year - 1 credit

Prerequisite: B or better in Literature and Composition or C or better in Honors Literature and Composition, and teacher approval.

This class is responsible for publishing the school yearbook. Students should realize that application and acceptance for this class constitutes a commitment to cover sport events or other events happening after classes, in the evening and off campus. Students must be ready to work with technology (Herff Jones e-design) as well as acquire the fundamentals of journalistic writing, interviewing, photography, and desktop publishing. Other learned skills include research, proofreading, editing, layout and design, and marketing. Students will be expected to think creatively and accept critical input from others.

This is a two semester course.

Science

3 Credits Required

Three credits of science required for graduation, two must be lab courses; one of which must be a life science and one must be a physical science.

	Freshman	Sophomore	Junior	Senior
Option A	Intro to Physical Science	Intro to Biology	Science of the Natural World STEM Investigation	Science of the Natural World STEM Investigation Chemistry Human Biology
Option B	Physical Science	Biology	Chemistry	Physics Human Biology Science of the Natural World STEM Investigation
Option C	Pre-AP Physics	Honors Biology	Honors Chemistry ACC Anatomy and Physiology	ACC Chemistry ACC Anatomy and Physiology AP/ACC Biology AP Physics
Option D	Pre-AP Physics	Honors Biology AND Honors Chemistry	ACC Chemistry ACC Anatomy and Physiology AP/ACC Biology	ACC Chemistry ACC Anatomy and Physiology AP/ACC Biology AP Physics

410 Introduction to Physical Science (Fr)

Year - 1 credit

Prerequisite: none

Students in this course are introduced to the basics of physics while also emphasizing essential science skills. Areas of concentration include laboratory skill such as graphing, evaluating data, measuring, using the scientific method and researching information.

A scientific calculator is required.

412 Physical Science (Fr)

Year - 1 credit

Prerequisite: none

Students in this course are introduced to physics while also emphasizing essential science skills. Areas of concentration include laboratory skill such as graphing, evaluating data, measuring, using the scientific method, and researching information.

A scientific calculator is required.

414 *Pre-AP Physics (Fr)

Year - 1 credit

Prerequisite: Superior test scores in Science.

Weighted

Pre-AP Physics is a comprehensive introductory physics course covering the major topics of classical physics, including: mechanics, thermodynamics, waves, optics, electromagnetism, and atomic theory. Pre-AP Physics is a course in which you will study the natural phenomena through conceptual knowledge and math. This course will develop critical thinking and problem solving skills through a laboratory setting.

A scientific calculator is required.

420 Introduction to Biology (So) Year - 1 credit

Prerequisite: Recommendation of Science Department.

This course covers scientific procedure, the structure and function of cells and tissues, the basic systems in plants, animals and man, heredity, evolution, and ecology. The material is presented in lecture form and requires note taking. Laboratory and hands-on activities are an integral part of this course.

422 Biology (So) Year - 1 credit

Prerequisite: Physical Science or Pre-AP Physics

This course covers the fundamentals of cell structure and functions, genetics; a survey of the five kingdoms, theories of evolution, a brief survey of plant function and structure, and an introduction to ecological concepts. The material is presented in lecture form and requires note taking. Laboratory and hands-on activities are an integral part of this course.

424 *Honors Biology (So) Year - 1 credit

Prerequisite: Recommendation of Science Department.

Weighted

This course covers in depth the concepts of cell anatomy and physiology; genetics; a survey of the five kingdoms; theories of evolution; a brief survey of plant physiology; and an introduction to ecological concepts. The material stresses scientific method as well as factual knowledge. The pace of this course is accelerated to allow time for extra units and laboratory work in addition to the units and labs done in Biology. Laboratory work, hands-on activities and research into current science topics are an integral part of this course.

426 *AP/ACC Biology (Jr, Sr) Year - 1 credit
4 UMSL Credit Hours

[UMSL-BIO-1012/1013]

Prerequisite: Completion of Honors Biology and Honors Chemistry/Concurrently taking Honors Chemistry.

Weighted

This course is designed to be the equivalent of a college introductory biology course. AP Biology is a continuation of Biology 1, covering many of the same topics but in greater depth and at a faster pace. The general areas of study include molecules and cells, heredity and evolution, and organisms and populations. Laboratory work is a large part of this class. Labs and course work will be equivalent to college expectations. Students who take this course must be willing to study outside of class on a regular basis. Lab write ups will be expected with each lab activity. Essential to success in this course is a grasp of science as a process rather than an accumulation of facts as well as application of biological knowledge and critical thinking.

See the section on AP & ACC Courses for additional information.

430 Introduction to Chemistry (Jr, Sr) Year - 1 credit

Prerequisite: Recommendation of Science Department.

The material covered in this course includes the scientific method, nature of matter atomic structure, periodic table, chemical reactions and equations, bonding, gas laws and reaction rates. Lecture and laboratory materials include some emphasis on mathematical relationships.

A scientific calculator is required.

432 Chemistry (Jr, Sr) Year - 1 credit

Prerequisite: Concurrent enrollment in Algebra 2, Honors Algebra 2, Geometry, or Honors Geometry.

Sophomores: may enroll if completed or dual enrolled in Biology or Honors Biology.

The material covered in this course includes the scientific method, nature of matter atomic structure, periodic table, chemical reactions and equations, bonding, gas laws and reaction rates. Lecture and laboratory materials include some emphasis on mathematical relationships. Chemistry is one of the basic sciences and any student considering a career in a field of science or medicine, engineering or conservation should really consider taking the course.

A scientific calculator is required.

434 *Honors Chemistry (So, Jr, Sr) Year - 1 credit

Prerequisite: Concurrent enrollment in Algebra 2, Honors Algebra 2, Geometry, or Honors Geometry. Students not meeting these requirements may take a placement test.

Sophomores: may enroll if completed or dual enrolled in Bio. or Honors Bio.

Weighted

The material covered in this course includes the scientific method, nature of matter atomic structure, periodic table, chemical reactions and equations, bonding, gas laws and reaction rates. Lecture and laboratory materials include some emphasis on mathematical relationships. Chemistry is one of the basic sciences and any student considering a career in a field of science or medicine, engineering or conservation should really consider taking the course. The pace of this class is accelerated to allow for more in depth coverage and more topics.

A scientific calculator is required.

- 436 *ACC Introduction to Chemistry I (Jr/Sr)** Semester 1 - .5 credit
[SLU-CHEM-X1110/1115] 4 SLU Credit Hours
Prerequisite: Recommendation of Science Department.
Weighted
This course is a college level examination of the subject of chemistry in not only the application of chemical principles, but also in the theoretical aspects of chemistry. A focus exists in this course in problem solving techniques, college level note taking, and appreciation of complex concepts. This course is designed for the student who is planning on continuing in the sciences, though the course does not count for college credit in the SLU health sciences program. The student can register for this course through SLU to gain 4 credit hours of Intro. to Chemistry I.

A scientific calculator is required.

Possible video shown: *Einstein's Big Idea*

See the section on AP & ACC Courses for additional information.
- 437 *ACC Introduction to Chemistry II (Jr/Sr)** Semester 2 - .5 credit
[SLU-CHEM-X1120/1125] 4 SLU Credit Hours
Prerequisite: Enrolled in ACC Chemistry I.
Weighted
This is a continuation of the Introduction to Chemistry I class. This course is designed for the student who is planning on continuing in the sciences, though the course does not count for college credit in the SLU health sciences program. The student can register for this course through SLU to gain 4 credit hours of Intro. to Chemistry II.

A scientific calculator is required.

See the section on AP & ACC Courses for additional information.
- 442 Physics (Jr, Sr)** Year - 1 credit
Prerequisite: Completion of Chemistry or Honors Chemistry and completion or concurrent enrollment of Algebra 2 or Honors Algebra 2.
This course enables a student to understand and apply the basic laws of physics in a practical way. It provides an algebraic, highly practical approach to the basic areas of mechanics, heat, sound, optics, and electricity. Laboratory work, to both introduce and reinforce concepts, is followed up by required formal lab reports.

Multiple video/clips will be shown to emphasize concepts.

A scientific calculator is required.

- 446 *AP Physics (Jr, Sr)** Year - 1 credit
Prerequisite: Completion of Chemistry or Honors Chemistry and completion of Trigonometry or Pre-calculus

Weighted

AP Physics is an algebra-based, introductory college-level physics course. Students cultivate their understanding of Physics through inquiry-based investigations as they explore these topics: kinematics; dynamics; circular motion and gravitation; energy; momentum; simple harmonic motion; torque and rotational motion; electric charge and electric force; DC circuits; and mechanical waves and sound.

Physics is necessary for most fields of science, math, engineering, and medicine. If a student is interested in any of these fields, a course of this level will prove to be of invaluable help.

A scientific calculator is required.

See the section on AP & ACC Courses for additional information.

- 472 STEM Investigation (Jr, Sr)** Semester - .5 credit
Prerequisite: Two lab science credits.

This course will be offered first semester only.

As the title suggests, STEM Investigations is a course designed to develop and integrate a student's skills in science, technology, engineering, and mathematics. The course will cover current topics through the lens of STEM. Over the course of the semester, students will work collaboratively to imagine, design, and build solutions to problems set forth in the curriculum. Assessments will primarily focus on the completion and presentation of these solutions. Coursework, including design and building of projects, will be done during class time and require working with groups. Consistent attendance is a key factor to the student's success in the course. Students will be expected to work together to meet the deadlines involved with solving a problem and presenting their solution.

- 459 Astronomy (Jr, Sr)** Semester - .5 credit
Prerequisite: Two lab science credits.

This is a semester elective course for students interested in studying astronomy. The purpose of this course is to enable students to develop and apply knowledge of the universe and compare the conditions, properties, and motions of bodies in space. Topics include: history of astronomy, the solar system, the Earth-Moon system, the formation and evolution of stars, galaxies, and the frontiers of exploration.

462 Human Biology (Jr, Sr) Year - 1 credit

Prerequisite: Completion of Biology and Chemistry

This is designed around the study of the human body systems with emphasis on how they work together. Course work will include lecture, videos, and laboratory work with some dissection, reading assignments, and use of computers for research and virtual lab work. Success in this class requires good memorization skills.

This class is for students interested in the study of human body and for those students interested in the medical field who do not meet the prerequisites for Honors Anatomy and Physiology.

464 *ACC Anatomy and Physiology (Jr, Sr) Year - 1 credit

4 UMSL Credit Hours

[UMSL-BIO-1131]

Prerequisite: Completion of Honors Biology and completion or concurrent enrollment in Chemistry or Honors Chemistry.

Weighted

Anatomy and Physiology is an in-depth study of the human body systems; how they are put together (Anatomy) and how they work (Physiology). Emphasis will be placed on how the various systems of the body interact with one another as well as medical issues pertaining to each system. Course work will include lectures, laboratory work, reading assignments, research assignments, and virtual lab work. During second semester dissection is an integral part of the course curriculum. Due to the nature of the subject good memorization skills are necessary for success in this class.

This class is designed for students who wish to pursue a career in medical or science field. Students who are not intending to pursue a career in these fields but have a genuine interest in the class subject and meet the prerequisites are welcome. Students may also register for Biology 1131: Human Physiology and Anatomy I through UMSL

See the section on AP & ACC Courses for additional information.

Note: Students enrolled in this course will not be eligible to take Human Biology at any time.

Scholars Academy

SA 121 STEM Lab (So.) Semester - .5 credit

Prerequisite: Continuance in the Duchesne Scholars Academy

Weighted

As the title suggests, the STEM Lab is a course designed to develop and integrate a student's skills in science, technology, engineering, and mathematics. Over the course of the semester, students will work collaboratively to imagine, design, and build solutions to problems set forth in the curriculum. Assessments will primarily focus on the completion and presentation of these solutions.

Social Studies

3 Credits Required

	Freshman	Sophomore	Junior	Senior
Option A	World History I	World History II	United States History Contemporary World Issues Psychology Street Law	Contemporary World Issues Psychology Street Law
Option B	Honors World I	AP World History: Modern	United States History AP History of U.S. to 1865 AP History of U.S. Since 1865 Contemporary World Issues Psychology Street Law	AP European History to 1500 AP European History Since 1500 Contemporary World Issues Honors Am. Politics Psychology Street Law
Option C	Big History	AP World History: Modern	United States History AP History of U.S. to 1865 AP History of U.S. Since 1865 Contemporary World Issues Psychology Street Law	AP European History to 1815 AP European History Since 1815 Contemporary World Issues Honors Am. Politics Psychology Street Law

112 World History I (Fr)

Year - 1 credit

Prerequisite: none

This course will study global human development through history with particular emphasis being placed on applying history's lessons to current world events. Ancient history through the early modern world will be covered. Students will identify and compare methods of living, ruling, and worshipping through an examination of world governments, as well as their economic and religious institutions. Independent reading, outside research, note taking, writing, and the use of current technology will be required for students to master and integrate the material. Collaborative projects and classroom presentations will also be featured.

The course will examine episodes from the film series: *Engineering an Empire*.

114 *Honors World History I (Fr) Year - 1 credit

Prerequisite: Superior test scores.

This course will move at a faster pace with more depth than World History I. We will study global human development through history with particular emphasis being placed on applying history's lessons to current world events. Ancient history through the early modern world will be covered. Students will identify and compare methods of living, ruling, and worshipping through an examination of world governments, as well as their economic and religious institutions. Students enrolled in this class will use considerable critical thinking skills, must be able to keep up with daily homework and research assignments and possess excellent note taking skills. Independent reading, outside research, note taking, writing and the use of current technology will be required for students to master the material. Collaborative projects and classroom presentations will also be featured.

122 World History II (So) Year - 1 credit

Prerequisite: World History I

This course will study global human development through history with particular emphasis being placed on applying history's lessons to current world events. The early modern world to the present will be covered. Students will identify and compare methods of living, ruling, and worshipping through an examination of world governments, as well as their economic and religious institutions. Independent reading, outside research, note taking, writing, and the use of current technology will be required for students to master and integrate the material. Collaborative projects and classroom presentations will also be featured.

The course will examine the following videos: *Modern Marvels*, *Napolean: To Destiny*, *Hotel Rwanda*, *Escape from Sobibor*

124 *AP World History: Modern (So) Year - 1 credit

Prerequisite: Minimum grade of a B in both semesters of Honors World History I or Big History, or a minimum grade of an A in World History with department recommendation.

This course is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organizations, and technology and innovation.

- 132 United States History (Jr)** Year - 1 credit
Prerequisite: World History II
This course covers the history of the United States from pre-Revolution to present day. The course is conducted in chronological order following the development of our country from pre-Revolutionary times to an industrial giant and world leader. Outside readings and research, chapter, and unit projects, a good deal of independent textbook reading, note taking in class, and classroom discussion will be required of the students.
- 136 * AP History of U.S. to 1865 (Jr)** Semester 1 - .5 credit
Prerequisite: Minimum grade of a B in both semesters of Honors World History II.
Weighted
This course covers the history of the United States from pre-Revolutionary times through Reconstruction. It is an accelerated course using lecture material, outside research and supplementary readings. The course is taught according to the guidelines set by College Board. The course will examine the episodes from the Ken Burns' documentaries *New York* and *The Civil War*.

See the section on AP & ACC Courses for additional information.
- 137 *AP History of U.S. Since 1865 (Jr)** Semester 2 - .5 credit
Prerequisite: Minimum grade of a B in both semesters of Honors World History II and enrolled in 136.
Weighted
This course covers the history of the United States from post Reconstruction to the present day. It is an accelerated course using lecture material, outside research and supplementary readings. The course is taught according to the guidelines set by the College Board. Documentaries on 1920's, Depression, Vietnam may be used.

See the section on AP & ACC Courses for additional information.
- 148 *AP European History from 1450-1815 (Sr)** Semester 1 - .5 credit
Prerequisite: Minimum grade of a B in both 136 & 137.
Weighted
This is the first half of an introductory college level European history course. Students will cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.

See the section on AP & ACC Courses for additional information.

- 149 *AP European History from 1815-Present (Sr)** Semester 2 - .5 credit
Prerequisite: Minimum grade of a B in both 136 & 137.
Weighted
This is the second half of an introductory college level European history course. Students will cultivate their understanding of European history through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like interaction of Europe and the world; economic and commercial developments; cultural and intellectual developments; states and other institutions of power; social organization and development; national and European identity; and technological and scientific innovation.
- See the section on AP & ACC Courses for additional information
- 152 Contemporary World Issues (Jr, Sr)** Semester - .5 credit
Prerequisite: none
This elective course is designed to increase the student's awareness of current world problems. It is intended to help them interpret present-day universal issues, and draw conclusions based on the information gathered from the study. This course will examine the following media: *Frontline: episodes*.
- 154 *Honors American Politics (Sr)** Semester - .5 credit
Prerequisite: Minimum grade of a B in 136 & 137.
Weighted
This elective course focuses on the philosophical and institutional foundations of the American political system. Particularly, students will investigate the various roles that the Constitution, public opinion, political parties, campaigns and elections, interest groups, the media, and the various institutions of the federal government - the President, Congress, Judiciary, and the Bureaucracy - play in the development of federal public policy. This course will examine the following media: *Frontline: episodes*, *Mr. Smith Goes to Washington*.
- 182 Psychology (Jr, Sr)** Semester - .5 credit
Prerequisite: none
This elective course is designed to introduce students to the biopsychosocial (BPS) approach to psychology. Historical perspectives of psychology and theories of psychological growth and development, neuroscience and the brain, personality theories and behavior disorders are discussed. The course will examine the films *Inception*.
- 534 Street Law (Jr, Sr)** Semester - .5 credit
Prerequisite: none
This course is designed to help the student relate the law to her/his life – as a citizen and as a minor. Current events are used to understand the impact of law on our lives. Legal vocabulary is emphasized, and logical thinking skills are necessary for success in this class. The course will examine the films, *Erin Brockovich* and *12 Angry Men*.

Scholars Academy

SA 111 History of the World: The Big History Project (Fr.) Year - 1 credit

Prerequisite: Acceptance in the Duchesne Scholars Academy

Weighted

This course prompts students to see and explore connections between events that set life in motion and the local interactions that influenced the ways in which humans have developed up to modern times. In order to encourage this exploration, students will be expected to read extensively both primary and secondary sources. This course is also writing intensive and projects will require students to create various multimedia compositions. This course takes the place of World History I.

SA 141 Senior Capstone Project (Sr.) Semester 1 - .5 credit

Prerequisite: Continuance in the Duchesne Scholars Academy

Weighted

Theology

4 Credits Required

The United States Bishops have determined that there should be a core curriculum for Catholic high schools throughout the United States so have produced a document entitled: *Doctrinal Elements of a Curriculum Framework for the Development of Catechetical Materials for Young People of High School Age*. Contained in this *Curriculum Framework* can be found the content and concepts which should form all high school religion programs: these include message (doctrine), community, worship and prayer, service, sacraments, scripture, tradition, morality, social justice, vocations, and evangelization.

Religious Education is meant to provide a developmentally appropriate, comprehensive, and systematic presentation of Catholic beliefs so that students will grow in their personal relationship with God, be knowledgeable about their Catholic faith, and integrate these beliefs and traditions into their personal lives. This religious instruction also is apologetical and is designed to help young people develop the necessary attitude, values and skills to answer or address the real questions that they face in life.

	Freshman	Sophomore	Junior	Senior
Semester 1	Introduction to Scripture	The Mission of Jesus Christ	Catholic Morality	Catholic Lifestyles ACC God Talk Death and the Christian Christian Prayer
Semester 2	Who Is Jesus Christ	Sacraments	Moral/Social Issues	Catholic Beliefs ACC New Testament Death and the Christian Christian Prayer

912 Intro to Scripture (Fr) Semester 1 - .5 credit
Prerequisite: none

The purpose of this course is to give students a general knowledge and appreciation of the Sacred Scriptures. Through their study of the Bible they will come to encounter the living Word of God, Jesus Christ. In the course students will learn about the Bible, authored by God through Inspiration, and its value to people throughout the world. The students will pay particular attention to the Gospels, where they may grow to know Jesus.

914 Who is Jesus Christ? (Fr) Semester 2 - .5 credit
Prerequisite: none

The purpose of this course is to introduce students to the mystery of Jesus Christ, the living Word of God, the Second Person of the Blessed Trinity. In this course students will understand that Jesus Christ is the ultimate Revelation to us from God. In learning about who He is, the students will also learn who He calls them to be.

922 The Mission of Jesus Christ (So) Semester 1 - .5 credit
Prerequisite: none

The purpose of this course is to help students understand all that God has done for us through His Son, Jesus Christ. Through this course of study, students will learn that for all eternity, God has planned for us to share eternal happiness with Him, which is accomplished through the redemption Christ won for us. Students will learn that they share in the redemption only in and through Jesus Christ. They will also be introduced to what it means to be a disciple of Christ and what life as a disciple entails.

- 924 Sacraments (So)** Semester 2 - .5 credit
 Prerequisite: none
 The purpose of this course is to help students understand that they can encounter Christ in a full and real way in and through the sacraments. Students will examine each of the sacraments in detail to learn how they may encounter Christ throughout life.
- 932 Catholic Morality (Jr)** Semester 1 - .5 credit
 Prerequisite: none
 This course deals with the study of Catholic Moral Principles, with the formation of conscience, and with greater development of moral decision-making skills through application to specific cases. Students are introduced to Theology of Body through videos, handouts, and the beginning of the *Humanunu Series*. Several areas of moral concern to youth in the 21st Century, such as, law, life issues, sexuality, etc., will be discussed.
- The movie, *Romeo* is shown in connection with conscience.
- 933 Moral/Social Issues (Jr)** Semester 2 - .5 credit
 Prerequisite: none
 This semester has two major concerns. The first deals with Catholic teaching about social justice, the Catholic Church's efforts toward achieving it, and what must be done to offset injustices in our world, such as discrimination, poverty, political oppression, etc. The second requires individual in-depth research of a particular issue and a major paper and/or project to challenge each student to apply moral/social principles in a problem-solving, decision-making context.
- The movie, *Gandi*, is shown in connection with social justice in general.
- 942 Catholic Lifestyles (Sr)** Semester 1 - .5 credit
 Prerequisite: none
 The purpose of this course is to help students to understand the vocations of life: how Christ calls us to live. In this course, students should learn how all vocations are similar and how they differ. The course will be structured around married life, single life, priestly life, and the consecrated life. Students will learn what it means to live life for the benefit of others and the value in considering a vocation in service to the Christian Community.
- Students introduced to various *Marriage Preparation* programs through handouts and videos.
- 943 Catholic Beliefs (Sr)** Semester 2 - .5 credit
 Prerequisite: none
 The purpose of this course is to help the students understand that in and through the Church they encounter the living Jesus Christ. They will be introduced to the fact that the Church was founded by Christ in through the Apostles and is sustained by him through the Holy Spirit. The students will come to know that the Church is the living Body of Christ today. This Body has both human and divine elements. In this course, students will learn not so much about the events in the life of the Church but about the sacred nature of the Church.

- 945 *ACC God Talk: Ultimate Questions in Theology (Sr)** Semester 1 - .5 credit
 [SLU-THEO-1600] 3 SLU Credit Hours
 Prerequisite: Recommendation from Theology Department. For ACC credit an unweighted GPA of 3.0 is required.
- Weighted
 This course centers around the genre of historical and autobiographical narrative as a way of getting at the ultimate questions at the heart of theology and religion. In dialogue with Jewish and Christian scripture, as well as classic and contemporary spiritual autobiographies written from within the Christian tradition and beyond, students will wrestle with the nature of faith; the nature, existence, and personhood of God; the nature and ends of creation and human life; evil and salvation, and other matters of ultimate concern. Through the medium of narrative, discourse aims to stimulate engagement with and reflection of the kinds of questions that matter most to the arc of human life.
- See the section on AP & ACC Courses for additional information.
- 947 *ACC New Testament (Sr)** Semester 2 - .5 credit
 [SLU-THEO-2210] 3 SLU Credit Hours
 Prerequisite: Recommendation from Theology Department. For ACC credit an unweighted GPA of 3.0 is required.
- Weighted
 Theological Foundations should be taken in the second semester to fulfill the requirement of the SLU Theological Studies Department.
- Books of the New Testament, their formation as literary material, message and meaning for the modern world, and transmission via the community.
- See the section on AP & ACC Courses for additional information.
- 952 Christian Prayer (Jr, Sr)** Semester - .5 credit
 Prerequisite: none
- This elective course appeals to the many young people today who are expressing a longing for meaning and purpose in their lives. They are recognizing their need for the spiritual, for a relationship with God that can help them not only “make it” through a tough world, but also, even more, to find true lasting happiness. Christian Prayer responds to this spiritual hunger by introducing the student to the Catholic tradition of prayer. The fundamental assumption of the course is that prayer and spirituality have everything to do with life. Prayer is a doorway for entering into our own life and world more deeply. Christian prayer provides for a natural intersection of faith in God and the students’ own life issues and concerns.

956 Death and the Christian (Sr)

Semester - .5 credit

Prerequisite: none

This elective course is designed to examine the phenomena of death the human responses, to death, through grief and mourning, and the Christian understanding and response to the mystery of death. The course also investigates Catholic funeral rituals, which attempt to respond to death and loss through the theology of life after death: heaven, hell, purgatory, and final judgment.

The movies, *Tuesdays with Morrie* and *The Five People You Meet in Heaven* will be viewed.

World Language

2 Credits Required

- 246 *ACC French 4** (So, Jr, Sr) Year - 1 credit
[UMSL-French-1002] 5 UMSL Credit Hours
Prerequisite: ACC French 3 and recommendation of World Languages Department. For
ACC credit an unweighted GPA of 3.0 is required.

Weighted

This course is focused on further developing spoken and written communication in French at the intermediate and pre-advanced levels through comprehensible input and interaction. Students will communicate in French in the interpretational, interpersonal, and presentational modes of communication. Students who take this course should be motivated to improve their French skills and take a college level class. Students may obtain five college credits for the one-year course; however, participation in the ACC program is not required for students to earn Honors credit in this course. Students will read short stories, a novella, as well as the novel, *Le Petit Prince*. There is a strong emphasis on speaking skills.

See the section on AP & ACC Courses for additional information.

- 252 Spanish 1** (Fr, So, Jr) Year - 1 credit
 Prerequisite: none
 This course provides a skill-based introduction to the Spanish Language and the Spanish speaking world through comprehensible input and interaction. Students will communicate in Spanish in the interpretational, interpersonal, and presentational modes of communication. Students will participate in storytelling, reading, and communicative activities in Spanish.
- 254 *Honors Spanish 1** (Fr, So, Jr) Year - 1 credit
 Prerequisite: Superior test scores in language arts and verbal ability
 Weighted
 This course provides a skill-based introduction to the Spanish Language and the Spanish-speaking world through comprehensible input and interaction. Students will communicate in Spanish in the interpretational, interpersonal, and presentational modes of communication. Students will participate in storytelling, reading, and communicative activities in Spanish.
- 262 Spanish 2** (Fr, So, Jr, Sr) Year - 1 credit
 Prerequisite: Spanish 1 or Honors Spanish 1 and recommendation of World Languages Department.
 This course is focused on further developing spoken and written communication in Spanish at the high novice and low intermediate level through comprehensible input and interaction. Students will communicate in Spanish in the interpretational, interpersonal, and presentational modes of communication. Student will participate in storytelling, reading, and communicative activities in Spanish.
- 264 *Honors Spanish 2** (Fr, So, Jr, Sr) Year - 1 credit
 Prerequisite: Spanish 1 or Honors Spanish 1 and recommendation of World Languages Department.
 Weighted
 This course is focus on further developing spoken and written communication in Spanish at the high novice and low intermediate level through comprehensible input and interaction. Students will communicate in Spanish in the interpretational, interpersonal, and presentational modes of communication. Students will participate in storytelling, reading, and communicative activities in Spanish. Students who take this course should be motivated to improve their Spanish skills and take an academically rigorous class.
- 272 Spanish 3** (So, Jr, Sr) Year - 1 credit
 Prerequisite: Spanish 2 or Honors Spanish 2 and recommendation of World Languages Department.
 This course is focused on further developing spoken and written communication in Spanish at the intermediate level through comprehensible input and interaction. Students will communicate in Spanish in the interpretational, interpersonal, and presentational modes of communication through storytelling, cultural readings and discussions, and communicative activities.

 Presentations and short essays in Spanish.

- 276 *ACC Spanish 3** (So, Jr, Sr) Year - 1 credit
[UMSL-Spanish-1001] 5 UMSL Credit Hours
Prerequisite: Spanish 2 or Honors Spanish 2 and recommendation of World Languages Department. For ACC credit an unweighted GPA of 3.0 is required for sophomores and 2.5 is required for juniors and seniors.

Weighted

This course is focused on further developing spoken and written communication in Spanish at the intermediate level through comprehensible input and interaction. Students will communicate in Spanish in the interpretational, interpersonal, and presentational modes of communication through storytelling, cultural readings and discussions, and communicative activities. Students who take this course should be motivated to improve their Spanish skills and take a college level class. Students may obtain five college credits for the one-year course; however, participation in the ACC program is not required for students to earn Honors credit in this course.

Presentation and short essays in Spanish.

See the section on AP & ACC Courses for additional information.

- 282 Spanish 4** (Jr, Sr) Year - 1 credit
Prerequisite: Spanish 3 or ACC Spanish 3 and recommendation of World Languages Department.

This course is focused on further developing spoken and written communication in Spanish at the intermediate and pre-advanced levels through comprehensible input and interaction. Students will communicate in Spanish in the interpretational, interpersonal, and presentational modes of communication through reading short novels; watching *El tiempo entre costuras*, a Spanish miniseries; studying Hispanic art, reviewing and exploring grammatical topics, and writing in Spanish.

Presentation in Spanish and short essays will be required.

- 286 *ACC Spanish 4** (Jr, Sr) Year - 1 credit
[UMSL-Spanish-1002] 5 UMSL Credit Hours
Prerequisite: ACC Spanish 3 and recommendation of World Languages Department. For ACC credit an unweighted GPA of 3.0 is required.

Weighted

This course is focused on further developing spoken and written communication in Spanish at the intermediate and pre-advanced levels through comprehensible input and interaction. Students will communicate in Spanish in the interpretational, interpersonal, and presentational modes of communication through reading short novels; watching *El tiempo entre costuras*, a Spanish miniseries; studying Hispanic art, reviewing and exploring grammatical topics, and writing in Spanish. Students who take this course should be motivated to improve their Spanish skills and take a college level class. Students may obtain five college credits for the one-year course; however, participation in the ACC program is not required for students to earn Honors credit in this course.

Presentations and short essays in Spanish. Students will watch and discuss *El tiempo entre costuras* (edunovela.com version).

See the section on AP & ACC Courses for additional information.

288 *ACC Spanish 5 (Sr) Year - 1 credit
[UMSL-Spanish-2101] 3 UMSL Credit Hours
Prerequisite: ACC Spanish 4 and recommendation of World Languages Department. For ACC credit an unweighted GPA of 2.5 is required.

Weighted

This course is focused on further developing spoken and written communication in Spanish at the pre-advanced levels through comprehensible input and interaction. Students will communicate in Spanish in the interpretational, interpersonal, and presentational modes of communication through reading short novel, short stories, and poetry; reviewing and exploring grammatical topics speaking in class discussion; and writing in Spanish. Students who take this course should be motivated to improve their Spanish skills and take a college level class. Students may obtain three college credits for the one-year course however, participation in the ACC program is not required for students to earn Honors credit in this course.

Read a novel chosen by the class with teacher approval. Movies include: *No, También la lluvia*, y *La Misma luna*.

See the section on AP & ACC Courses for additional information.

292 Discovery of European Languages (Fr) Year - 1 credit
Prerequisite: none

This year long course will introduce students to four European languages: German, Spanish, French, and Italian. Students will learn about how the origins of the languages, compare, and contrast their development, how these countries have changed in the new millennia, and how they influenced the English language. This class will include elements of vocabulary, geography, and history. This course presents material using a variety of methods including visual, auditory, and tactile elements. Students will participate in storytelling, reading, and communicative activities.

Duchesne Scholars Academy



The Scholars Academy curriculum is driven by student curiosity. As students progress through the Scholars Academy, they will gain increasing control over their education. See page 6 for more information.

Freshman Year: Freshmen will study the History of the World curriculum - a course devoted to the philosophy and history of science.

Sophomore Year: Sophomores will pursue STEM activities in a project-based learning environment. This course will focus on the science, mathematics, and engineering necessary in solving problems, as well as the design concerns that develop around presenting solutions.

Junior Year: Juniors will take an inquiry-based humanities course, in which the instructor and students collaborate to design the syllabus. Students will have a voice in the questions the class will address and the texts – ranging from literature, to works of art, to philosophical arguments - that they will study.

Senior Year: Seniors will create a capstone project, a high school version of a university-level thesis. The capstone project will build on concepts from prior courses. Students might highlight the philosophical outlook of an author they encountered in their humanities class, or market an amusement park for the roller coasters they designed in the STEM Lab. In executing their ideas, students will encounter numerous decision points, encouraging growth and learning through trial and error.

SA111 History of the World (Fr.) Year - 1 credit

Prerequisite: Acceptance into the Duchesne Scholars Academy

Weighted

History of the World examines the history of the universe. The course prompts students to see and explore connections between the cosmic events that set life in motion and the local interactions that influenced the ways in which humans have developed. In order to encourage this exploration, students will be expected to read extensively both primary and secondary sources. This course is also writing intensive and projects will require students to create various multimedia compositions. History of the World takes the place of World History I.

SA 121 STEM Lab (So.) Semester - .5 credit

Prerequisite: Continuance in the Duchesne Scholars Academy

Weighted

As the title suggests, the STEM Lab is a course designed to develop and integrate a student's skills in science, technology, engineering, and mathematics. Over the course of the semester, students will work collaboratively to imagine, design, and build solutions to problems set forth in the curriculum. Assessments will primarily focus on the completion and presentation of these solutions.

SA 131 Inquiry Based Humanities (Jr.) Semester 2 - .5 credit

Prerequisite: Continuance in the Duchesne Scholars Academy

Weighted

The term *humanities* serves as a catch-all signifier for a broad range of disciplines that attempt to answer the seemingly simple question: what does it mean to be human? Disciplines that fall underneath the humanities umbrella include but are not limited to: art history, philosophy, theology, music history, psychology, and literature. These disciplines address some of our most pressing questions in an attempt to provide a deeper understanding of humanity. Some of these questions address the importance of love, the strength and influence of God, the creation and relevance of the rule of law, and the rise of and threats to human rights. The Scholars Academy Humanities course is designed to give students a principal stake in how the class addresses such questions. The students will work democratically with the instructors to generate a unique syllabus, including the topics, assignments, and evaluations.

SA 141 Senior Capstone Project (Sr.)

Semester 1 - .5 credit

Prerequisite: Continuance in the Duchesne Scholars Academy

Weighted

The Capstone Project provides Seniors in the Scholars Academy with an opportunity to pursue individual academic interests. That pursuit allows students to fully realize the core principle of the Academy's mission—the fostering of student curiosity through student driven curriculum. Students will begin the course by asking a research question. They will then identify the resources needed to answer the question, including the selection of a mentor teacher. Once the mentor teacher is selected, students will work with that instructor and the dean of the Scholars Academy to envision a final project that provides an answer to the student's question. An outline and a series of deadlines will then be set in place so that the students will be able to complete the projects to the best of their abilities. Finally, students will defend their projects to a faculty panel. Projects will be due at the end of the first semester. Project defenses will happen at the beginning of the second semester. Please note: grades for the first semester class will only be assigned after the students defend their projects in the second semester.