

The background of the page features a large, light blue circular seal of Duchesne High School. The seal contains a shield with a cross, a book, and the words "VIRTUS" and "SCIENTIA". The outer ring of the seal reads "DUCHESNE HIGH SCHOOL" and "ESTABLISHED 1924".

DUCHESNE HIGH SCHOOL

COURSE SELECTION GUIDE

2019-2020

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, and 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. It is desirable to plan a four-year program, so a logical sequence of courses can be taken.

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. The school's master schedule is constructed on the basis of students' 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.

If a student is planning to enter college, he or she should check college entrance requirements in the counseling office.

DUCHESNE HIGH SCHOOL
educating mind, body and spirit as one

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OUR MISSION

Duchesne High School is a Catholic, college preparatory school that embraces each student's unique, God-given gifts and educates the student as a whole person: 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.

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. 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.
5. 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. Driver education during summer school does not satisfy as make-up for a failed credit, or any portion thereof.
 - b. 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.
 - c. 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.
 - d. 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 in order to participate in graduation. If the deadline is not met, the student may not participate in graduation ceremonies.
6. 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.
7. 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. In order 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 3.5 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. In order 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. In order 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' 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. In order 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.

ENGLISH

4 CREDITS REQUIRED

	Freshman	Sophomore	Junior	Senior
Option A	Fundamentals of Literature and Composition	World Literature and Composition	American Literature and Composition	At least 2 Semesters of Senior English Courses
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/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 Fundamentals of Literature and Composition (Fr)

Year - 1 credit

Prerequisite: none

This course teaches communication skills, both oral and written. The course will incorporate group work, writing skills with an emphasis on grammar, and literature in an attempt to bring basic students to the same level as those students in the regular Freshman English class by the end of freshman year. Entrance into the class will be based on grade school test scores. The course will refine students' skills through regular practice in written composition, descriptive prose compositions, as well as practice on essay tests and examinations. Students will also be instructed in the elements of the story, drama, short stories, and some types of non-fiction. Students will learn the basics of research using Academic Search Elite. They will be expected to develop a literary vocabulary. The course will cover the following major works: Shakespeare's *Romeo and Juliet* and John Green's *The Fault in Our Stars*.

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 Academic Search Elite. The course will cover the following works: Shakespeare's *Romeo and Juliet*, and John Green's *The Fault in Our Stars*.

- 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 will cover the following works: Shakespeare's *Romeo and Juliet*, and Raffel's translation of *Sir Gawain and the Green Knight*.
- 722 World Literature and Composition (So)** 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 will cover the following works: Beah's *A Long Way Gone* or Coelho's *The Alchemist*, Homer's *The Odyssey*, Shakespeare's *Richard III* and *Twelfth Night*, Sophocles' *Oedipus Rex* and *Antigone*, 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 will cover the following works: Achebe's *Things Fall Apart*, Coelho's *The Alchemist*, Homer's *The Odyssey*, Shakespeare's *Richard III* and *Othello*, Sophocles' *Oedipus Rex* and *Antigone*.
- 732 American Literature and Composition (Jr)** 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 will cover the following works: Miller's *The Crucible*, Rand's *Anthem*, Hansberry's *A Raisin in The Sun*, and Bradbury's *Fahrenheit 451*. Additionally, the class will view *The Last of The Mohicans* and *The Great Gatsby*.

- 736 *AP/ACC The Process of Composition (Jr, Sr)** Semester 1 - .5 credit
[SLU-ENG-1500] 3 SLU Credit Hours
- Prerequisite: Minimum grade of a B in both semesters of Honors World Lit and Composition and the department's recommendation. For ACC credit an unweighted GPA of 3.0 is required.
- Weighted
- English 1500 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 numerous essays (five 4-5 page papers and three 2-3 page responses).
- The course focuses on the process of composition through frequent writing assignments (both formal and informal), the creation of multiple drafts, and careful editing. Students will begin to examine the importance of rhetorical situations by writing for a variety of audiences – personal, societal, and academic. In addition to their own writing, students will explore and examine texts from multiple genres (primarily nonfiction).
- Students will view the documentaries *Ivory Tower* and *The Persuaders*.
- See page 6 for additional information.
- 737 *AP/ACC Advanced Strategies of Rhetoric/Research (Jr, Sr)** Semester 2 - .5 credit
[SLU-ENG-1900] 3 SLU Credit Hours
- Prerequisite: Minimum grade of a B in both semesters of Honors World Lit and Composition, enrolled in 736, and the department's recommendation. For ACC credit an unweighted GPA of 3.0 is required.
- Weighted
- English 1900 studies complex structures of language, including its logical and persuasive possibilities. The course emphasizes analytical reading, critical thinking, and research methodology skills.
- English 1900 is a Saint Louis University class taught at Duchesne allowing students to earn both high school and college credit. (The cost for the college credit is set by SLU. Each semester of ACC English is a 3 credit class.) Students choosing to only take the high school credit are still required to fulfill the obligations of the college syllabus.
- See page 6 for additional information.

- 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 will cover the following works: Euripides' *The Bacchae*, Sophocles' *Philoctetes*, Dostoevsky's *The Brothers Karamazov*, & Shakespeare's *Henry IV Parts 1*. Additionally, the course will examine the film *Crimes and Misdemeanors*.
- See page 6 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 will cover the following works: Robinson's *Gilead* and Whitehead's *The Underground Railroad*. Additionally, the course will examine the film *The Godfather*.
- See page 6 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.

752 Creative Writing (Sr)

Semester - .5 Credits

Prerequisite: 2 additional semesters of Senior English

Students will read and interpret a variety of poems and short fictional works by a variety of authors (classic to contemporary). Through reading and writing activities, students will gain a sound understanding of the elements of a poem, poetic techniques, and the various forms that a poem can take. Students will also master an understanding of the elements of fiction and apply this understanding to their own written creations. Aside from broadening students' literary scope, helping them read with a critical eye, and exposing them to constructive criticism, this class will perhaps most importantly cultivate within them an aesthetic appreciation for the beauty of language. Students will participate in "rough draft workshops," during which their writings will be read, discussed, proofread, and critiqued by fellow classmates and the teacher. In place of a traditional exam, students will be required to submit a fully realized short story.

753 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 closely 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*, Spiegleman'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*.

757 Contemporary Issues in Literature (Sr)

Semester - .5 Credits

Prerequisite: none

This course introduces students to a variety of literary genres, all addressing an issue debated in our culture. Students will examine high interest issues as they appear in short stories, works of non-fiction, drama, and novels. Readings will range from the humorous to the somber. From the meaning of life to the inescapability of death, this course will explore the human concerns of existence.

In addition to shorter works, and excerpts of longer works, the course will examine the following complete novels, plays, and films: *A Streetcar Named Desire* (play and film), *Regeneration* (novel), *Arrival* (film) and *Match Point* (film).

759 Analysis of Literature in Media (Sr)

Semester - .5 credit

Prerequisite: none

This class examines the relationship between novels and feature films, the most prevalent artistic forms of the last century. Students will seek contemporary value in modern narratives that capture various aspects of the human condition. The course begins with comparing and contrasting the roles of novelist and director in crafting story. Through writing compositions, students will reflect on purpose and their place in the world, using insight and perspective obtained through the analysis of fiction. Students will develop an understanding of how prose style, dialogue and voice, perspective, and character psychology all affect the tone and interpretation of a narrative.

The course covers the following novels and short stories:

Chbosky's *The Perks of Being a Wallflower*, Lehane's *Shutter Island*, and Doyle's *The Final Problem* (Sherlock Holmes), Stephen King's *1408*, and Webb's *The Graduate*.

The course covers the following films: Chbosky's *The Perks of Being a Wallflower* (2013), Scorsese's *Shutter Island* (2010), and *The Reichenbach Fall* (BBC Sherlock), Hafstrom's *1408* (2007), and Nichols' *The Graduate*.

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*

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, Sr) Semester - .5 credit
Prerequisite: none
This course deals with the study of compositional elements, various drawing techniques and media. Problems in rendering objects, perspective, space, and light are presented. Some of the media used are: pencil, colored pencil, pastels and ink. Students must supply their own materials.
- 612 Drawing 1** (Fr, So, Jr, Sr) Semester - .5 credit
Prerequisite: Art 1
This course is a continuation of Art 1. Students will learn to select and apply two-dimensional media, techniques and processes to communicate ideas and solve challenging visual art problems. Students will work with subjects ranging from still life to portrait to figure drawing. Various media such as pencil, charcoal, ink and mixed media will be used. Students must supply their own materials.
- 614 Painting 1** (Fr, So, Jr, Sr) Semester - .5 credit
Prerequisite: Art 1
This is a beginning level course in painting dealing with the study of value, color, lighting, composition, various painting techniques and media. Acrylic and tempera paints will be mainly used in this course. Students must supply most of their own materials.
- 624 Painting 2** (So, Jr, Sr) Semester - .5 credit
Prerequisite: Painting 1
This course is a continuation of Painting 1. Emphasis will be placed on problem-solving as well as the expressive and inventive quality of the work. Special attention is paid to enhancing the ability to conceptualize, invent and express visual ideas using line, color, form, abstract thinking skills and various painting techniques. Working from observation as well as imagination will be stressed. Watercolor and acrylic paints will be mainly used in this course. Students must supply most of their own materials.
This course will only be offered every other year –2019/2020, 2021/2022
- 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. Students must supply their own materials.
- 626 Ceramics 2** (So, Jr, Sr) Semester - .5 credit
Prerequisite: Ceramics 1
This is an advanced course for students who want to continue their study of clay work. Working with different clays, experimenting with glazes and using different surface decoration techniques will be the main areas of emphasis. Technical skills as well as creative and problem-solving processes are strong components of this class. Students must supply their own materials.
This course will only be offered every other year – 2018/2019, 2020/2021, 2022/2023

- 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. Investigation, collection, experimentation and communication will be areas of focus. Projects may include: altered art, artist trading cards, assemblages, collages, art journals, recycled art, 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 college-bound art students who must work on art projects for their entrance portfolio. A variety of drawing, painting, sculpture and independent work will be included. 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 video and film production. Students will learn the basics of writing, producing and editing films. The class is organized into three units: Preproduction, Production, and Postproduction. Utilizing Duchesne's multimedia studio, students will write, shoot, and edit their own works. Through hands-on experience, students will learn the basics of operating DSLR cameras as well as professional editing and screenwriting software.

Additionally, students will work in conjunction with the Duchesne Film Club to produce a short film.

644 Video Productions 2 (So, Jr, Sr)

Semester - .5 credit

Prerequisite: Video Productions 1 and teacher approval.

This course builds on the skills acquired in Video Production 1 and designed for students desiring a career in multimedia production. Prospective students possess the ability to write a screenplay, operate DSLR cameras and use video editing software. Video Pro 2 follows the same structure as its predecessor, but this course is all about mastery and artistic intentionality. Students will use custom settings (ISO, shutter speed, frame rate, white balance, etc.) on cameras. Students will also use advanced editing functions such as color grading and audio mixing. Overall, students will develop a deeper understanding of the artistic side of filmmaking as well as mastering the technical aspects of production.

MUSIC

660 Introduction to Singing (Fr, So, Jr, Sr)

Semester - .5 credit

Prerequisite: none

No singing experience necessary. This class is designed for any student who desires the opportunity to learn to sing and understand music. Students will NOT be required to participate in any school performances outside of class time. Students in the class will learn to play piano well enough to help them prepare their singing part and to learn to sight read music. Students will use a computer program to create their own melodies for the class to perform. The class will learn to sing in 2-and 3- part harmony by the end of the semester. If these students choose to go on in singing, they will be welcome to audition for the DHS Concert Choir.

662 Concert Choir (Fr, So, Jr, Sr)

Year - 1 credit

Prerequisite: Previous music experience, audition and teacher approval

Any student with music experience is welcome to audition for this group. Students are expected to have a basic knowledge of reading 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 on their own. This choir performs challenging 3 or 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.

- 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. This group has many performances throughout the year and travels to competitions annually.
- 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. The students will explore an instrument from each of the families of musical instruments (Woodwind, Brass, and Percussion) for the first quarter. During the second quarter, the students will focus on one or two instruments that they have tried as well as explore composing music and playing their compositions. 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 and/or Jazz Bands.
- 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	Fundamentals of Algebra 1A	Fundamentals of Algebra 1B	Fundamentals of Geometry	Fundamentals of Algebra 2
Option B	Algebra 1	Geometry	Algebra 2	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 (1credit) & Trigonometry (.5 credit)	ACC/AP Calculus AP Statistics ACC College Algebra
Option E	Honors Geometry	Hon. Alg. 2	AP Statistics (1 cr) & Trigonometry (.5 cr)	ACC/AP Calculus ACC College Algebra
Option F	Honors Geometry	Hon. Alg. 2	ACC College Algebra Trigonometry (.5 cr)	ACC/AP Calculus AP Statistics

310 Fundamentals of Algebra 1A (Fr)

Year - 1 credit

Prerequisite: none

This 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.

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 Fundamentals of Algebra 1B (So)

Year - 1 credit

Prerequisite: Fundamentals of Algebra 1A

This course will continue from the material covered in Fundamentals of 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. Topics include elements of geometry, 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 Fundamentals of Geometry (Jr)** Year - 1 credit
 Prerequisite: Fundamentals of Algebra 1B
 This course is the study of plane and coordinate geometry, definitions and axioms. Topics include elements of Geometry, deductive reasoning, 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. This is recommended for college bound students. This course is a co-requisite for Chemistry and is a prerequisite for Physics.
- 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, Enrolled in Statistics
 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 trigonometric functions, applications, graphical representation, identities, complex numbers and verbal problems.
- 340 Fundamentals of Algebra 2 (Jr, Sr)** Year - 1 credit
 Prerequisite: Fundamentals of Algebra 1B, Fundamentals of Geometry
 Fundamentals of Algebra 2 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. Fundamentals of Algebra 2 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 St. Louis University.
 See page 6 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 page 6 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 Page 6 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.

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 also learn 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 Scratch/ Python computer languages. Scratch and Python are computer languages that will provide a solid base in programming in order to move on to Programming 2. This course is designed for students interested in learning more about programming and computer logic. No previous programming experience is required in order to successfully complete this course.
- 518 Programming II** (So, Jr, Sr) Semester - .5 credit
Prerequisite: Instructor Approval, or Programming I
This course is designed for those students seeking advanced programming experience while still in high school. In this course you will move beyond Scratch and Python to Java, which is rapidly becoming the programming standard for Computer Science majors and application development communities.
- 520 Robotics I** (So, Jr, Sr) Semester - .5 credit
Prerequisite: Instructor Approval, Computer Applications, or Programming I
This course will explore 21st century skills including teamwork, problem solving, ideation, project management, and communications. Students will reinforce existing programming skills utilizing LEGO EV3 robots and Mindstorms programming software in order to manipulate robot operations. This course will provide students the skills to build and problem solve working robotic systems in a group-based term project.
- 526 Robotics II** (So, Jr, Sr) Semester - .5 credit
Prerequisite: Robotics I
This course will continue to explore 21st century skills including teamwork, problem solving, ideation, project management, and communications. Students will reinforce existing programming skills utilizing LEGO EV3 robots and Mindstorms programming software in order to manipulate robot operations. This course will provide students the skills to build and problem solve working robotic systems in a group-based term project.

530 Introduction to Business (So, Jr, Sr)

Semester - .5 credit

Prerequisite: none

The objective of this course is to get students interested in the business world and introduce them to the concepts and systems of business. This course will serve as a background for other business courses you may take in high school and college. Topics to be covered include: consumerism, economic systems, productivity, entrepreneurship, human resource management, and preparation for the workforce. Students will assist in running the Trading Post (school store); ordering and selling merchandise as well as taking inventory of merchandise.

532 Personal Finance (Jr, Sr)

Semester - .5 credit

Prerequisite: none

This course is designed to teach students the basics of money management: budgeting, saving, debt avoidance, investing for the future, insuring assets; living financially responsibly. This knowledge will lay a foundation for students to build strong money habits early on and avoid many of the mistakes that lead to lifelong financial struggles.

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 develop a marketing strategy, identify target markets, combine the elements of the marketing mix, create an effective promotional mix, and finally make the sale.

552 Accounting 1 (Jr, Sr)

Year - 1 credit

Prerequisite: none

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.

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.

564 Newspaper (So, Jr, Sr)

Year - 1 credit

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

This class is responsible for publishing the school newspaper and *Pioneer Blast*. Students should realize that participation in this class constitutes a commitment to be part of a team for the year.

The class will study the fundamentals of journalistic writing and interviewing. Other learned skills include research, proofreading and editing, layout and design.

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.

This class is responsible for publishing the school yearbook. Students should realize that application and acceptance for this class constitutes a commitment to cover sports events or other events happening after classes, in the evenings and off campus.

The teams will study the fundamentals of journalistic writing, interviewing, photography, and desktop publishing. Other learned skills include research, proofreading and editing, layout and design, and marketing.

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	Fundamentals of Physical Science	Fundamentals of Biology	STEM Investigation Applied Science in the Natural World	STEM Investigation Applied Science in the Natural World Chemistry Human Biology
Option B	Physical Science	Biology	Chemistry	Physics Human Biology STEM Investigation Applied Science in the Natural World
Option C	Pre-AP Physics	Honors Biology	Honors Chemistry ACC Anatomy and Physiology AP/ACC Physics STEM Investigation Applied Science in the Natural World	ACC Chemistry ACC Anatomy and Physiology AP/ACC Biology AP/ACC Physics STEM Investigation Applied Science in the Natural World
Option D	Pre-AP Physics	Honors Biology AND Honors Chemistry	ACC Chemistry ACC Anatomy and Physiology AP/ACC Biology AP Physics STEM Investigation Applied Science in the Natural World	ACC Chemistry ACC Anatomy and Physiology AP/ACC Biology AP Physics STEM Investigation Applied Science in the Natural World

410 Fundamentals of Physical Science (Fr)

Year - 1 credit

Prerequisite: none

The purpose of this course is to introduce students 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.

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 Fundamentals of 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. This course includes lecture, laboratory, homework activities, and other hands-on-activities.
- This course will **not** meet the prerequisites for ACC Anatomy/Physiology or AP/ACC Biology
- 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
5 UMSL Credit Hours

[UMSL-BIO-1012/1013]

Prerequisite: Completion of Honors Biology and Honors Chemistry or 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.

Students in this course are encouraged to take the AP Biology test for college credit at the end of the school year.

See page 6 for additional information.

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-X163/165] 4 SLU Credit Hours
Prerequisite: Recommendation of Science Department.
App required: a graphing/linear regression calculator – specifics TBA
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 page 6 for additional information.
- 437 *ACC Introduction to Chemistry II (Jr/Sr)** Semester 2 - .5 credit
[SLU-CHEM-X164/166] 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 page 6 for additional information.
- 442 Physics (Jr, Sr)** Year - 1 credit
Prerequisite: Completion or concurrent enrollment in 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 from Discovery School/Education and Mythbusters.

A scientific calculator is required.

446 *AP/ACC Physics (Jr, Sr)

Year - 1 credit

[SLU-PHYX 1220]

Prerequisite: Trigonometry or Pre-calculus

Weighted

AP/ACC 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.

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.

458 Applied Science in the Natural World (Jr, Sr)

Semester - .5 credit

Prerequisite: Two lab science credits.

This class will be offered second semester only.

Applied Science in the Natural World is a junior/senior level course containing units that focus on real world applications of science in the natural world. The course will contain a survey of topics from geology, geography, botany/zoology, chemistry, and physics. Material will be given through presentations, website, videos, and individual research. Topics covered will include

- Geology and Geography of Missouri
- Missouri's Natural History
- Flora and Fauna of Missouri
- Primitive Fire starting

462 Human Biology (Jr, Sr)

Year - 1 credit

Prerequisite: Earned two science credits.

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: Have earned two science credits including Honors Biology or teacher recommendation.

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 page 6 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	U.S. History World Issues Anthropology Economics Psychology Street Law	World Issues Anthropology Economics Psychology Street Law
Option B	Honors World I	Honors World II	United States History AP/ACC History of U.S. to 1865 AP/ACC History of U.S. Since 1865 Contemporary World Issues Honors Am. Politics Anthropology Economics Psychology Street Law	ACC Origins of the Modern World to 1500 ACC Origins of the Modern World 1500 to Present Contemporary World Issues Honors Am. Politics Anthropology Economics Psychology Street Law
Option C	Big History	Honors World II	United States History AP/ACC History of U.S. to 1865 AP/ACC History of U.S. Since 1865 Contemporary World Issues Honors Am. Politics Anthropology Economics Psychology Street Law	ACC Origins of the Modern World to 1500 ACC Origins of the Modern World 1500 to Present Contemporary World Issues Honors Am. Politics Anthropology Economics 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 films: *Hotel Rwanda*, *Escape from Sobibor*, and *Almost Brothers*, *Disintegration of Yugoslavia*.

124 *Honors World History II (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 will move at a faster pace with greater depth than World History II. 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. 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 and integrate the material. Collaborative projects and classroom presentations will also be featured.

The course will examine the following films: *Hotel Rwanda*, *Escape from Sobibor*, and *Almost Brothers*, *Disintegration of Yugoslavia*.

- 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.
 The course will examine the following films: *Saving Private Ryan* and *New York: A Documentary*
- 136 * ACC/AP History of U.S. to 1865 (Jr)** Semester 1 - .5 credit
 [SLU-HS-X260] 3 SLU Credit Hours
 Prerequisite: Minimum grade of a B in both semesters of Honors World History II. For ACC credit an unweighted GPA of 3.0 is required.
 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 St. Louis University. It offers three college credits at a cost set annually by Saint Louis University. The course will examine the episodes from the Ken Burns' documentaries *New York* and *The Civil War*.
 See page 6 for additional information.
- 137 *ACC/AP History of U.S. Since 1865 (Jr)** Semester 2 - .5 credit
 [SLU-HS-X261] 3 SLU Credit Hours
 Prerequisite: Minimum grade of a B in both semesters of Honors World History II and enrolled in 136. For ACC credit an unweighted GPA of 3.0 is required.
 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 St. Louis University. It offers three college credits at a cost set annually by Saint Louis University. This course will examine the following films: *Saving Private Ryan*, *Fog of War*, *Ken Burn's New York*. Documentaries on 1920's, Depression, Vietnam may be used.
 See page 6 for additional information.
- 146 *ACC/AP Origins of the Modern World to 1500 (Sr)** Semester 1 - .5 credit
 [SLU-HS-X111] 3 SLU Credit Hours
 Prerequisite: Minimum grade of a B in both 136 & 137. For ACC credit an unweighted GPA of 3.0 is required.
 Weighted
 This is a survey course that covers Western civilizations through the sixteenth century with emphasis on Greece, Rome, and Medieval Europe. The course offers three college credits at a cost set annually by Saint Louis University. This course will examine documentaries on Ancient Egypt, Rome, Feudalism, and Middle Ages from National Geographic and the BBC.
 See page 6 for additional information.

- 147 *ACC/AP Origins of the Modern World 1500 to Present (Sr)** Semester 2 - .5 credit
[SLU-HS-X112] 3 SLU Credit Hours
Prerequisite: Minimum grade of a B in both 136 & 137 and enrolled in 146. For ACC credit an unweighted GPA of 3.0 is required.
Weighted
This is a survey course that covers the development of Europe from the French Revolution and the Industrial Revolution and continues to the late twentieth century. The course offers three college credits at a cost set annually by Saint Louis University. This course will examine the films *All Quiet on the Western Front*, *Breaker Morant* and *Paths of Glory*

See page 6 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 films: *Failsafe*, *War Games*, *The Man Who Knew*, *White Light/Black Rain*, and *Frontline: episodes*.
- 154 *Honors American Politics (Jr, Sr)** Semester - .5 credit
Prerequisite: Minimum grade of a B in 124 or both 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.
- 162 Anthropology (Jr, Sr)** Semester - .5 credit
Prerequisite: none
This is an elective course open to Juniors and Seniors designed to provide a broad introduction to the study of anthropology. Like many academic disciplines, anthropology seeks to explore what it means to be human. Unlike other disciplines anthropologists approach this question in both humanistic and scientific ways. The broad field of anthropology can be divided into four sub-disciplines: archeology, biological anthropology, linguistics, and cultural anthropology. This course seeks to provide students with a brief introduction to each discipline. Over the course of the semester we will watch the following films: *Becoming Human*, *Clever Monkeys*, and *Arrival*.
- 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* and *Batman: The Dark Knight*.

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 New Testament Death and the Christian Christian Prayer
Semester 2	Who Is Jesus Christ	Sacraments	Moral/Social Issues	Catholic Beliefs ACC Theological Foundations 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 so as 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.

- 946 *ACC Theology Foundations: God & the Good Life (Sr)** Semester 2 - .5 credit
[SLU-THEO-1000] 3 SLU Credit Hours
Prerequisite: Recommendation from Theology Department. For ACC credit an unweighted GPA of 3.0 is required.

Weighted

In response to the mission of this Catholic, Jesuit University, the Theological Foundations course (THA-1000) seeks to educate students from all the undergraduate programs in a critical discourse with human experience, biblical origins, historical foundations, and historical developments of the Christian tradition. The course provides opportunity for human enrichment through creative questioning, awareness of Christian cultures, and access to other cultural and religious contexts through comparative study, and a balanced appreciation of Christianity as a vital element in our global heritage.

The Christian life begins with the greatest commandment which leads to an exploration of who is God? What should I believe? The Catholic tradition of belief in God and living the authentic Christian life.

Students will be challenged to acquire the skills of reading, writing, and speaking theologically. They will also be encouraged to consider how critical, careful and creative theological questioning can deepen their understanding of the authentic Christian life..

Two books will be required reading, *Compassion* and *Between the Prodigal Son*.

See page 6 for additional information.

- 947 *ACC New Testament (Sr)** Semester 1 - .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.

- 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.

954 Major World Religions (Jr, Sr)

Semester - .5 credit

Prerequisite: none

This elective course will introduce students to the main teachings and texts of Hinduism, Buddhism, Confucianism, Taoism, Judaism, and Islam as well as to a Roman Catholic evaluation and interpretation of the Meaning and value of such religions in the divine economy of salvation. The students will also participate in a few field trips in order to become acquainted with some people and places of worship of these religions.

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

212 French 1 (Fr, So, Jr,) Year - 1 credit

Prerequisite: none

This course provides an introduction to the French language and to the culture of the French-speaking world. The four language skills (listening, speaking, reading, and writing) are all taught within this course. The emphasis is on functional communication through vocabulary building and grammatical structures.

214 *Honors French 1 (Fr, So, Jr,) Year - 1 credit

Prerequisite: Superior test scores in language arts and verbal ability

Weighted

This course provides an introduction to the French language and to the culture of the French-speaking world. The four language skills (listening, speaking, reading, and writing) are all taught within this course. The emphasis is on functional communication through vocabulary building and grammatical structures. Additional written work and assessment will be required.

222 French 2 (Fr, So, Jr, Sr) Year - 1 credit

Prerequisite: French 1 or Honors French 1 and recommendation of World Languages Department.

This course reviews and expands the skills studied in French 1: listening, speaking, reading, and writing. There is a continued emphasis on vocabulary and grammar as used in conversation and composition. Students will expand their ability to communicate about present events. The culture of French-speaking countries will be explored.

Students will do short cultural presentations and record videos (in French).

224 *Honors French 2 (Fr, So, Jr, Sr) Year - 1 credit

Prerequisite: French 1 or Honors French 1 and recommendation of World Languages Department

Weighted

This course reviews and expands the skills studied in French 1, placing more emphasis on active oral participation and writing. Students will learn to communicate about past events and to use commands. The student will continue to study the culture of the French-speaking world. Additional work and assessments will be required of students taking this course.

Students will do short cultural presentations and record videos (in French).

- 236 *ACC French 3** (Fr, So, Jr, Sr) Year - 1 credit
 [UMSL-French-1001] 5 UMSL Credit Hours
 Prerequisite: French 2 or Honors French 2 and recommendation of World Languages Department. For ACC credit an unweighted GPA of 3.0 is required.
 Weighted
 This course concentrates on advanced grammatical concepts, along with additional cultural concepts. Along with further development of conversation, listening, and writing skills, greater emphasis is placed on reading a wider variety of materials in the target language. 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 watch the movie, *Cyrano de Bergerac*”.
 See page 6 for additional information.
- 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, taught almost entirely in French, centers on refining speaking and writing skills through reading, composition and aural/oral lessons. Some emphasis is placed on reviewing grammar, and adding new grammar concepts and vocabulary. The student who takes this course must be self-motivated and able to work independently and in groups. 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 the novel, *Le Petit Prince*.

 Students will read and watch the movie excerpts from *Le Comte de Monte Cristo*

 See page 6 for additional information
- 248 *ACC French 5** (Jr, Sr) Year - 1 credit
 [UMSL-French-2101] 3 UMSL Credit Hours
 Prerequisite: ACC French 4 and recommendation of World Languages Department. For ACC credit an unweighted GPA of 3.0 is required.
 Weighted
 French 5 will further develop the acquisition of the French language through French civilization, both past and present. Through readings in history and literature (prose, poetry and/or drama), the students will continue to improve their knowledge and use of the French language. Students will review previously learned grammar concepts and develop more advanced skills and concepts to enhance their oral and written expression. 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.

 See page 6 for additional information

- 252 Spanish 1** (Fr, So, Jr) Year - 1 credit
Prerequisite: none
This course provides an introduction to the Spanish language and to the culture of the Spanish-speaking world. The four language skills (listening, speaking, reading, and writing) are all taught within this course. The emphasis is on functional communication through vocabulary building and grammatical structures. Students will do short cultural presentations and record videos in English and 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 an introduction to the Spanish language and to the culture of the Spanish-speaking world. The four language skills (listening, speaking, reading, and writing) are all taught within this course. The emphasis is on functional communication through vocabulary building and grammatical structures. Additional work and assessment will be required. Presentations and short videos in English and 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 reviews and expands the skills studied in Spanish 1: listening, speaking, reading, and writing. There is a continued emphasis on vocabulary and grammar as used in conversation and composition. The culture of Spanish-speaking countries will be explored. The student will expand their ability to communicate about present events. Students will do short presentations and videos 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 reviews and expands the skills studied in Spanish 1, but placing more emphasis on vocabulary, grammar, speaking and writing. The student will continue to study the culture of the Spanish-speaking world. Students will learn to communicate about past actions and events. Additional work and assessments will be required of students taking this course. Students will do short presentations and videos in Spanish.
- 272 Spanish 3** (So, Jr, Sr) Year - 1 credit
Prerequisite: Spanish 2 or Honors Spanish 2 and recommendation of World Languages Department.
In this course vocabulary and grammatical concepts learned in Spanish 1 and 2 will be reviewed briefly, but the majority of the course consists of building on previous knowledge as new grammar and vocabulary skills are added. More emphasis is also placed on the language skills of listening, speaking, reading, and writing. Students continue to develop communicating in the present and past tenses and study advanced grammatical topics. 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 concentrates on advanced grammatical concepts, along with additional cultural concepts. Along with further development of conversation, listening, and writing skills, greater emphasis is placed on reading a wider variety of materials in the target language. Students continue to develop communicating in the present and past tenses and study advanced grammatical topics. 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. Students will read, "*La Catrina*".
- See page 6 for additional information
- 282 Spanish 4 (Jr, Sr)** Year - 1 credit
 Prerequisite: Spanish 3 or ACC Spanish 3 and recommendation of World Languages Department.
- In this course students will review grammar concepts learned in previous courses, as well as add new grammar concepts and vocabulary. Reading skills will be further developed as students read from a variety of sources, including supplementary readers and periodicals. Writing skills will be further developed. Listening and speaking skills will be practiced to increase students' fluency. 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, taught almost entirely in Spanish, centers on refining speaking and writing skills through reading, composition and aural/oral lessons. Some emphasis is placed on reviewing grammar, and adding new grammar concepts and vocabulary. The student who takes this course must be self-motivated and able to work independently and in groups. 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 *Gran Hotel* (edunovela.com version).
- See page 6 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, taught entirely in Spanish, centers on the development of an advanced level of reading and writing skills in addition to speaking and listening skills. Reading selections include poetry, short stories, plays and a novel. Students will write essays and reflections in Spanish with the expectation of correct grammar usage. This is a course for the highly motivated student who wants to further develop his acquisition of the Spanish language. Full and active class participation is a requirement. 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.

Presentation and short essays in Spanish.

Read student adaptation of *Don Quijote*. Movies include *No*, *También la lluvia*, y *La Misma luna*.. Students may be asked to purchase a novel chosen by the class and teacher such as *La Casa en Mango Street* by *Sandra Cisnevós*.

See page 6 for additional information

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. Junior Year

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.