

# **COURSE SELECTION GUIDE**

**2010 - 2011**

## **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 in February. Therefore, after a student receives his/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 in February. 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 they 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.

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# INTRODUCTION

## **PHILOSOPHY**

Duchesne High School is a Catholic community in which education is based on the Gospel of Jesus Christ and the traditions of the Catholic Church. Education is both a humane and a spiritual endeavor in which people teach people, both through technique and through interpersonal influence and contact. Duchesne, as a school, has a unique spirituality engendered by a staff with a diversity of gifts and a unity of purpose (Decree on the Apostolate of the Laity, 1965). We value the individual, and we encourage both teacher and student to explore opportunities and to develop personal values and resources, which allow interaction with a constantly changing world.

Catholic education encourages selflessness as well as personal academic excellence; Duchesne values the uniqueness of each student and makes a commitment to educate body, mind and spirit as one. It strives to bring each student to full potential in a Christian atmosphere that promotes self-expression and the discovery and acknowledgment of strengths and weaknesses. Duchesne strives to teach respect for every person. We expect teachers and students to develop accountability and responsibility to one another, as we recognize the interdependence that students, families, faculty, staff and administration have with one another and with the community and society at large.

## **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.

Such a program is based on a commitment to educate the whole person, according to his or her abilities and needs. To accomplish this end, a variety of methods, materials, and course offerings with varying degrees of intensity are available. Thus, each student should be able to achieve success with a reasonable amount of study.

The following pages list the course requirements for graduation and give brief course descriptions and prerequisites for them. In addition, suggestions for developing an individual student's program of studies are also presented. A four-year plan sheet is included for convenience in planning a student's program. More detailed information is available from the counselor, department chairpersons, other teachers, and the principal.

# CREDIT REQUIREMENTS

The following credits 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:

Theology	4 credits		
English	4 credits	** Fine Art	1 credit
Social Studies	3 credits	***Practical Arts	1 credit
*World Language	2 credits	Physical Ed	1 credit
Math	3 credits	Health	.5 credit
Science	3 credits	Electives-totaling	5.5 credits
	(2 lab courses)		

\*Depending on a student's ability, a language may be delayed until sophomore or junior year or waived. It is in rare cases that the 2 credits are not fulfilled.

\*\*The Fine Arts requirement is fulfilled by one credit in art, music, and/or dramatic arts.

\*\*\*The Practical Arts requirement is fulfilled by one credit in Business, Computers, Yearbook, or Newspaper.

For graduation 28 credits are required.

## **Other Special Notes Regarding Credit Requirements**

1. The state of Missouri requires all students to have completed a course in which the Federal and State Constitution are part of the course material. The following courses fulfill this requirement: American Government, American Politics, and American Government/Civics.
2. For a student to be classified as a sophomore, he or she must have earned at least 7 credits by the beginning of the sophomore year; to be classified as a junior, he or she must have at least 14 credits; to be classified as a senior, he or she must have earned at least 21 credits. A student must register for at least seven credits each of the four years of school.
3. All credits necessary for graduation must be passed. Most courses grant credit by the semester. It should be noted that any two F's in a course during a semester (quarters and/or exam) would ordinarily result in a semester failure. However, in a few skill courses, such as math, chemistry, accounting, and world language, a student may make up a first-semester failure by earning a satisfactorily high grade for the second semester. (Note: Driver education during summer school does not satisfy as make up for a failed credit, or portion thereof.) Credit can be made up in an approved summer school, a Missouri Extension correspondence course, or a Duchesne course taught by a Duchesne teacher. If credit is made up by taking an additional course during the next regular school year at Duchesne, a fee comparable to summer school or a correspondence course may be charged. This fee is added to the tuition statement.

It is the student's responsibility to bring to the office, or have sent to our counselors, an official copy of a grade for make-up credit in summer school or by correspondence course.

4. 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 through any correspondence courses. This

record must be on file in the Duchesne High School office one week prior to the graduation ceremony in order to participate in graduation.

**PLEASE NOTE:** If this deadline is not met, the student may not participate in graduation ceremonies.

5. The right to waive any credit requirements (except those mandated by the State of Missouri) is reserved to the principal of the school.

## SUGGESTED PROGRAMS

### Recommended College Prep

#### Curriculum:

English	4 credits
Math	4 credits
Science (Lab)	3-4 credits
Social Studies	4 credits
Theology	4 credits
World Language	2-4 credits
Fine Arts	1 credit
Practical Arts	1 credit
Physical Ed	1 credit
Health	.5 credit

### For Engineering & Related Areas:

Recommended College Prep Curriculum with these modifications.

Science (lab) 4 credits chemistry and physics (more, if possible)

### For Nursing and Related Areas:

Recommended College Prep Curriculum with:

Biology	(required)
Chemistry	(required) C average
Physics	(strongly recommended)

For any information not listed above, consult the Counseling Department.

### **REQUIREMENTS FOR ADMISSION TO THE UNIVERSITY OF MISSOURI , UMSL, UMKC, and MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY:**

Any high school graduate is admissible without further data upon submission of a transcript or other evidence indicating he or she meets both of the following requirements:

a. At least 17 units of credit as follows:

English	4 credits (one of these may be in speech or debate)
Math	4 credits (must be Algebra 1 or higher)
Science	3 credits (one of these must be a lab course)
Social Studies	3 credits
Fine Arts	1 credit
World Language	2 credits of one language.

### **Core Course requirements to participate in athletics at an NCAA Division I or II college:**

If a student expects to participate in athletics in a NCAA Division I or II college, he or she should see the counselor or athletic director for a list of Duchesne's courses that meet the NCAA Core Course requirement.

## **College Prep Certificate**

The Missouri Department of Education offers a college prep certificate to students who meet the requirements listed below. If a student is interested in attaining one of these certificates, it is his or her responsibility to select the appropriate courses. The requirements for this certificate as set by the Missouri Department of Education is as follows:

<b><u>Subjects</u></b>	<b><u>Units</u></b>	<b><u>Additional requirements</u></b>
English	4	1. Grade point average of 3.0 (on a 4.0 scale) in math, science, social studies, and English.
Math	3	
Science	2	2. Score above the national average by having attained AT LEAST: 910 (combined) on the SAT or 22 (composite) on the ACT
Social Studies	3	
Fine Arts	1	
Practical Arts	1	
Physical Education	1	
General Electives	6	
Advanced Electives (from English, math, science, social studies, world languages or vocational technical)	3	
<b>Total Units</b>	<b>24</b>	

## **OTHER ACADEMIC INFORMATION**

### **Program for Students with Learning Disabilities**

Students who have learning disabilities follow a program of courses according to their needs and abilities. Specific teaching and learning techniques are recommended for each student. These are based on the student's records of previous testing. They work closely with the Learning Consultant.

### **Homework**

For a student to succeed in learning, he or she must spend time outside of class practicing or studying that which was taught in class. Therefore, students regularly have homework assignments for their classes. The amount and length of these vary with each course. Courses in which note taking is expected, require the student to study and review his or her notes daily in order to be successful in the course. Some courses have long-range assignments, which may be given one week or one quarter in advance. For these assignments to be completed correctly, students must work on them on a day-to-day basis, not just one or two days before the due date.

### **Grade Point Average**

A student's grade point average is cumulative throughout the student's entire high school career. It is calculated only at each semester. To calculate the GPA, divide the student's total grade points earned by his total attempted credits. Only courses taken at Duchesne High School are included in the GPA.

Duchesne uses a system of weighting certain courses. These courses are considered more challenging than the average level course.

Weighted courses are marked with an asterisk (\*) and are granted grade points as follows: A=5; B=4; C=3; D=2; F=0.

## **ADVANCED COLLEGE CREDIT COURSES**

### **1818 Program**

1818 college credit courses are offered at Duchesne through St. Louis University to juniors and seniors who have already mastered the high school level of the discipline in various subjects. College credit may be attained in English, chemistry, social studies, math and theology. In order to register with SLU for 1818 courses a student must have an unweighted cumulative GPA of a 3.0 or higher. St. Louis University will grant no more than 30 hours credit toward graduation to any student in the 1818 Program. It should be noted, however, that most students capable of the 1818 Program should be advised to take no more than two advanced college credit courses a semester. Hence, only a very superior student should accumulate more than 24 hours credit while in the program.

Students are admitted into the 1818 Program on a strict basis. St. Louis University suggests that no student be admitted to this program that is judged incapable of at least “B” work for the course. In order to achieve credit for any course in the 1818 Advanced College Credit 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. St. Louis University assesses the charges for these credit hours. The cost this year is \$60 per credit hour.

### **UMSL Advanced Credit Program**

Duchesne currently offers college credit in Spanish and French through UMSL’s Advanced Credit Program. These courses provide an enrichment experience for university-bound high school students who demonstrate an ability to respond to an increased challenge. Students must demonstrate readiness for college-level work. A’s and B’s in the language course, teacher recommendation, and a cumulative unweighted GPA of 3.0 or higher are required for these courses. Sophomores in Honors Spanish 3 or Honors French 3 may enroll in the Advanced Credit Program only if they have a 3.5 average for Spanish 2 or French 2 in addition to an unweighted cumulative GPA of 3.0 or higher.

Advanced Credit courses are fully accredited, fulfill UMSL general education requirements, and are transferable to other colleges and universities. Courses taken through UMSL count toward the student’s college GPA when enrolling in any of the four University of Missouri campuses. Many universities will accept credits from other institutions if the grade of C or above is earned. Students need to check with universities where they apply, whether they accept the ACC credit. In a few cases, a B is required. The Advanced Credit Program fees are approximately one third of the fee for regular courses on campus. The cost this year has been \$56 per credit hour.

## **How To Register with SLU or UMSL**

Over the past few years, there have been some changes made at the college level for students taking advanced college credit courses through St. Louis University and the University of Missouri-St. Louis which impact Duchesne students.

1. Students must have an unweighted GPA of 3.0 or above to register with the universities for advanced college credit courses. If the GPA falls below the unweighted 3.0 from the time of registration in January and February to the beginning of the course, the student may take the course but not register with SLU or UMSL for advanced college credit.
2. It is up to each university or college to determine which courses and how many credits they will accept. (e.g., Washington University in St. Louis accepts no dual enrollment credit.)
3. Students must understand that having 24 or 30 credits accepted by a college or university does not mean that the student automatically becomes a sophomore in college. There are specific general education credits required in most colleges and universities that students must take to meet the school's and/or the degree's requirements.
4. Students should contact their college choices about policies for accepting dual enrollment credit (i.e., ACC credit). Schools accepting SLU credit are listed on the 1818 SLU web site.

### **Additional Notes:**

Students may register for only 11 hours of SLU 1818 courses in any semester. UMSL registers its Modern Language students at the beginning of the school year.

## **ACADEMIC DESCRIPTIONS**

**HONORS** – In addition to preparing students for college, these courses are designed to challenge academically gifted students who are self-motivated and capable of analytical thinking. Emphasis is on the pursuit of long-term research assignments and the development of in-depth understanding. On the freshman and sophomore levels, these courses are designed to prepare students for the Advanced College Credit (ACC) courses available to juniors and seniors.

**ACC (Advanced College Credit)** – These courses grant college credit through St. Louis University through its 1818 Program or through UMSL's Advanced Credit Program. These courses are designed for the student who has already mastered the high school level of discipline. Students must exercise personal responsibility for learning the subject matter and fulfilling other requirements of the course. Research work is part of the course. Since class discussion is also an important part of the course, a student may lose college credit if he or she is excessively absent from the class ("excessive" is generally defined as 5 times in any quarter).

# REGISTRATION PROCEDURE

1. Study the Course Selection Guide to become familiar with credit requirements and the courses that are available to you.
2. Plan (or review) your four-year course of study. In addition to considering all the information given to you on the introductory pages of the Course Selection Guide, be sure to do the following:
  - a. Check that you are taking courses necessary to meet all graduation requirements.
  - b. Be sure you meet all the prerequisites for each course you plan to take.
3. Discuss your course choices and reasons for them with teachers who know you, your parents, and with your counselor. If help is needed, please ask the appropriate person.
4. Complete the practice registration form. Keep in mind each student must take a minimum of seven credits. Any make-up courses a student needs to take are in addition to the seven credits. Follow these directions in completing the form:
  - a. Choose the courses you would like to take next year.
  - b. If you are taking a ½ credit course, you need another ½ credit to complete your full credit requirement.
  - c. If the course has a prerequisite or requires a teacher's approval, ask your current teacher in that department; if you are not currently taking a course in that department, see the department chairperson or the teacher of the course itself. The teacher's signature must appear on the official Course Selection Form. You will receive your official Course Selection Form separately from your homeroom teacher. If your teacher does not recommend you take a certain level course and you and your parents want to override that decision, a Course Override form needs to be filled out and turned in to your teacher.
  - d. On the bottom of the form, choose as many alternative elective courses as indicated on your registration form. These are **VERY IMPORTANT** and **NECESSARY**. Each alternate should equal one credit.
  - e. Check that you have accurately followed all the directions on the form.
5. On a specified date, finalize your official Course Selection Form. It is this form that must bear the teachers' signatures, where required, the signature of your homeroom teacher at school, and your parent's signature. Your homeroom teacher's signature is to be obtained before your parent's signature. Therefore, on the specified date, take your completed (except for parent's signature) Course Selection Form home to obtain your parent's signature. If your parents disagree with the course recommendations, you or your parents should consult one of the counselors or the principal.
6. By the deadline date, each student is to have paid a \$250.00 non-refundable registration fee for the following year to the bookkeeper in the office.

7. On the registration deadline date, return the **completed** official Course Selection Form (with parent's signature, teachers' signatures, and homeroom teacher's signature) to your homeroom teacher.
8. Any student who does not plan to return to Duchesne the following year must complete a form obtained in the office, signed by parents, stating the reason he or she is not returning. This note **must** be turned in to the homeroom teacher on or before the deadline and immediately sent to the office. Until that note is received in the office, each student is expected to follow all registration directives.
9. Once registration is complete, no schedules will be changed if a student merely wants to move from one section of a course to another section of the same course. If a student wants to change to a different class, it will be allowed during the May course change period, and only if the class that the student is moving to has space available. **No** changes to the schedule will be allowed in August when school begins. Final decisions on all schedule changes rests with the principal.

## REGISTRATION NOTES FOR 2010-2011 FRESHMEN

The registration process for incoming freshmen at Duchesne is simplified by the fact that most of the courses the new student takes are REQUIRED courses. The input of the student's elementary teachers, the cumulative record from elementary school and the judgments by the Duchesne counseling staff are guides to placement according to the student's ability.

### REQUIRED COURSES

All freshmen must take seven credits of work, and may take 7.5 or 8 credits of classes including THEOLOGY, ENGLISH, MATHEMATICS, WORLD LANGUAGE (most students), SCIENCE, SOCIAL STUDIES, and SPEECH.

1. **THEOLOGY** Freshman students are not ability grouped in Theology. It is felt that in religion classes the mix of students develops positive attitudes and views toward God, the Church and the parish.
2. **ENGLISH** Freshman students are assigned to one of the levels at which the course is taught.
3. **MATHEMATICS** All freshmen must take Advanced Honors Algebra, Honors Algebra 1, Algebra 1 or Fundamentals of Algebra 1. The freshman is placed in the appropriate level according to criteria described above. Students with high Math standardized test scores are encouraged to take the Math placement test for admission into Advanced Honors Algebra. This course is designed for the top Math students and moves into Algebra 2 material during the freshman year.
4. **LANGUAGE** Most freshmen will select the approved French or Spanish. If a student has high reading scores they will ordinarily will be recommended for Honors language courses. If a student does begin one of the languages, he/she will ordinarily be required to take a second year of that language as a sophomore. (Placement tests will determines entrance into Spanish 2 or French 2.)
5. **SCIENCE** All freshmen take a Physical Science course. Please see the Sequence Chart on p. 18 in the Course Selection Guide.
6. **SOCIAL STUDIES** Three years of social studies are required at Duchesne and all freshmen will take World History.
7. **SPEECH** All freshmen will take Speech for one semester.

### ELECTIVE COURSES:

Duchesne will suggest the level of ability for REQUIRED courses described above. The incoming freshman needs to select another half credit in order to have the required 7 credits. He/she may choose from those listed on the COURSE SELECTION FORM. Freshmen may choose to take one or two more semesters of courses if they do not take a study hall.

Over the four years, all students are required to have at least one credit in the Practical Arts and one credit in the Fine Arts. In the Freshman Year the following are available.

1. Practical Arts
  - a. Business Technology 1 (1/2 credit)
  
2. Fine Arts
  - a. Art 1- (1/2 credit)
  - b. Beginning (Girls/Boys Choir) or Intermediate Girls Choir (a full credit)
  - c. Beginning Instruments (1 credit)
  - d. Concert Band -(1 credit)
  - e. Jazz Band-(1/2 credit)
  - f. Music Appreciation- (1/2 credit)
  - g. Beginning Guitar—(1/2 credit)

Over the four years, the student is required to have at least one credit in Physical Education and a .5 credit in Health.. Courses in Physical Education/Health available in the freshman year are:

- a. Beginning Team Sports- (1/2 credit)
- b. Individual & Dual Sports- (1/2 credit)
- c. Weight Training- (1/2 credit)
- d. Fitness & Wellness 1- (1/2 credit)

**SPECIAL NOTE:**

Freshmen may choose one or two semesters of a study hall, or may choose to use one or two of those semesters to schedule additional courses.

**ALL STUDENTS MUST LIST A FULL CREDIT OR TWO HALF-CREDIT COURSES AS ALTERNATE SELECTIONS IN CASE AN ELECTIVE COURSE HAS LIMITED ENROLLMENT OR CAN'T BE PLACED INTO THE SCHEDULE. IT IS MOST IMPORTANT THAT THE STUDENT GIVE CONSIDERATION TO THESE ALTERNATE COURSES. THEY SHOULD BE COURSES THE STUDENT WOULD BE HAPPY TAKING.**

## REGISTRATION NOTES FOR 2010-2011 SOPHOMORES

A soon-to-be sophomore at Duchesne has more responsibility in making curriculum choices than he/she had as an eighth grader entering the freshman year. He/she must be mindful, for example, of the college requirements described in the front of the COURSE SELECTION GUIDE.

### REQUIRED COURSES

All sophomores are required to take seven credits of work and may, take 7.5 or 8 credits. The Required Courses are: THEOLOGY, ENGLISH, MATHEMATICS, SCIENCE, WORLD LANGUAGE, and SOCIAL STUDIES.

1. **THEOLOGY** The sophomore studies Scriptures. No marking on the registration form is necessary.
2. **ENGLISH** The student's current English teacher will assign the proper level by signature.
3. **MATHEMATICS** The student's proper mathematics class will be assigned by the current mathematics teacher.
4. **SCIENCE** Most students will need to take one of the three Biology courses. If a transfer student didn't take one of the Physical Science courses, in the freshman year, he/she should consider doing so for the sophomore year. Please see the sequence chart on p. 18.
5. **WORLD LANGUAGE** The student's current language teacher will assign students to the next level by signature. Some students, those who have not shown sufficient aptitude at learning the first year, will not be required to take French 2 or Spanish 2. Most colleges require two years of the same language.
6. **SOCIAL STUDIES** All sophomores will take a semester of American Government/Civics and a semester of Geography.

### COURSES REQUIRED OR STRONGLY RECOMMENDED

7. **PHYSICAL EDUCATION** Any sophomore who did not take Physical Education in the freshman year should do so in the sophomore year. All sophomores should keep in mind that there are one and one-half credit requirements in P.E./ Health, which must include a half credit in one of the two Fitness and Wellness classes, over the four years at Duchesne.

### ELECTIVE COURSES

If the sophomore has taken into consideration the REQUIRED and STRONGLY RECOMMENDED COURSES noted above and has need for additional courses to have the required seven credits, then he/she should make choices among the ELECTIVE COURSES listed on the Course Selection Form, keeping in mind that he/she must have at least one Fine Arts and one Practical Arts credit. Fine Arts credits are given for courses in the Course Selection Guide listed under FINE ARTS-ART, SPEECH, and MUSIC. Practical Arts Credits are given for courses listed under BUSINESS, ENGLISH (Yearbook and/or Newspaper), or COMPUTER APPLICATIONS.

Students are encouraged to continue their participation in the BAND, CHORAL, and DRAMA programs and should see their counselor for help in assuring such participation.

ALL STUDENTS MUST LIST A FULL CREDIT COURSE OR TWO HALF-CREDIT COURSES AS ALTERNATE SELECTIONS IN CASE AN ELECTIVE COURSE CANNOT BE PLACED INTO THE SCHEDULE. IT IS MOST IMPORTANT THAT THE STUDENT GIVE CONSIDERATION TO THESE TWO ALTERNATE COURSES. THEY SHOULD BE COURSES THE STUDENT WOULD BE HAPPY TAKING.

## REGISTRATION NOTES FOR 2010-2011 JUNIORS

Prospective juniors are faced with making many curricular choices. The student should be sure to see that all requirements have been met and that he/she is considering his/her post graduation plans when making choices. Many state schools, and especially the University of Missouri-Columbia, Missouri University of Science and Technology, UMSL, UMKC, Southwest Missouri State, Truman University, and Southeast Missouri State have revised their admissions standards in recent years and expect their applicants to present relatively high GPA's to go along with higher ACT scores. (See the front of this guide.)

### REQUIRED COURSES

All juniors are required to take seven credits of work and may, with permission, take seven and one-half credits or eight. The required Courses are: THEOLOGY, ENGLISH, and AMERICAN HISTORY, AND MATHEMATICS.

1. **THEOLOGY** The Junior studies Morality and Moral/Social Issues. On the Course Selection Form, no marking or checking is necessary.
2. **ENGLISH** The student's current English teacher will assign the proper level by signature.
3. **AMERICAN HISTORY** Most juniors will take 132 American History unless they have been selected to take the ACC American History Course. Students who wish to be considered for ACC must inform Mr. Bettlach of their interest.
4. **SCIENCE** Most students should take one of the three chemistry classes. Students should recall that the minimum requirement for graduation from Duchesne is 3 credits in science with a fourth credit strongly recommended. See the sequence chart on p. 18 in this guide.
5. **MATHEMATICS** Students should take a third year of math- their current Math teacher will recommend the class to be taken which fits the sequence of courses described on p. 13 in the Course Selection Guide.

### ELECTIVE COURSES

**WORLD LANGUAGE** The student should confer with his/her present language teacher about the advisability of continuing in world language. He/she should note that at least two credits of one world language is the required minimum by many colleges.

**PHYSICAL EDUCATION** Students should be sure to have taken or be planning to take at least one credit in Physical Education and .5 credits in Health.

**FINE ARTS** The student should be sure that he/she has or is planning on having at least one credit in the Fine Arts. Fine Arts credits are given for courses listed in the Course Selection Guide under FINE ARTS-ART, SPEECH, and MUSIC.  
Those who are currently in the Band, Choral, and Drama Programs

should see their counselor if they need help in assuring continued participation.

**PRACTICAL ARTS** The student should be sure to have at least one credit in the Practical Arts. Practical Arts credits are given for courses listed under BUSINESS, ENGLISH (Yearbook and/or Newspaper) and for the Computer Applications offerings.

ALL STUDENTS MUST LIST AS ALTERNATES AN ADDITIONAL ONE AND ONE-HALF CREDITS IN COURSES IN CASE CERTAIN ELECTIVES CANNOT BE PLACED INTO THE SCHEDULE. IT IS IMPORTANT THAT THE STUDENT GIVE CAREFUL CONSIDERATION TO THESE ALTERNATES. THEY SHOULD BE COURSES THE STUDENT REALLY WOULD BE HAPPY TAKING.

## REGISTRATION NOTES FOR 2010-2011 SENIORS

The prospective senior should check his/her course registration plans thoroughly to ensure that he/she will acquire all the graduation requirements set by Duchesne High School.

### REQUIRED COURSES

Seniors must take seven full credits of work. Naturally, THEOLOGY and ENGLISH must be scheduled.

1. **THEOLOGY**      The Senior studies Lifestyles/Catholic Beliefs or Theology Foundations: Discovery and a semester of Lifestyles or Beliefs.
2. **ENGLISH**      The student's current English teacher will assist that student to make choices and will sign the registration form for the course the student will take.

### ELECTIVES

1. All students will take a full load of seven credits. The class load decided upon should ensure that the prospective senior has twenty-eight or more credits by the end of senior year and has met all graduation requirements.
2. The students should pay close attention to course prerequisites when making choices.
3. When there is a question about the advisability of continuing in world language or science or math and the student is not currently taking a class in these disciplines, that student should get information or gain approval from the appropriate department chairperson—Mrs. Whalen for World Language, Ms. Dickherber for Mathematics, and Mrs. Steagall for Science.

**All students registering for senior year should check the listing in their homeroom which indicates whether they are missing any courses necessary for graduation.**

FINALLY, ALL STUDENTS MUST LIST AT LEAST THREE ONE-HALF CREDIT COURSES OF ELECTIVES AS ALTERNATES IN CASE ORIGINALLY SELECTED COURSES CANNOT BE PLACED INTO THE SCHEDULE. THE STUDENT SHOULD GIVE CAREFUL CONSIDERATION TO THESE ALTERNATES – THEY SHOULD BE COURSES THE STUDENT WOULD BE HAPPY TAKING.

## FOUR-YEAR PLAN

You are encouraged to plan the courses you would be taking during your entire four years of high school as early as possible. In choosing elective courses, keep in mind your answers to these two questions, "How can I best use my abilities? What do I plan to do in life when I finish high school?"

As you list the courses you would choose, place a check mark on the lines under the "required" section; or, if all the requirements are met in that area, write the number of credits you would earn in that department that year under "electives."

DEPT	REQUIRED				ELECTIVES					
	Credits	<u>1<sup>st</sup></u>	<u>2<sup>nd</sup></u>	<u>3<sup>rd</sup></u>	<u>4<sup>th</sup></u>	Year	<u>Fr</u>	<u>Soph</u>	<u>Jr</u>	<u>Sr</u>
Theology	—	—	—	—	—	—	—	—	—	—
English	—	—	—	—	—	—	—	—	—	—
Social Studies	—	—	—	—	—	—	—	—	—	—
Mathematics	—	—	—	—	—	—	—	—	—	—
World Lang.	—	—	(or)	—	—	—	—	—	—	—
Lang. Skills Lab	—	—	—	—	—	—	—	—	—	—
Science	—	—	—	—	—	—	—	—	—	—
Fine Arts	—	—	—	—	—	—	—	—	—	—
Practical Arts	—	—	—	—	—	—	—	—	—	—
Physical Ed	—	—	—	—	—	—	—	—	—	—
Speech	—	(1/2 required)			—	—	—	—	—	—
Health	—	(1/2 required)			—	—	—	—	—	—
<u>Totals</u>	—	—	—	—	—	—	—	—	—	—

**FRESHMEN COURSES**

	<b><u># credits</u></b>
Theology	1
English	1
Mathematics	1
World Language	1
Science	1
Social Studies	1
Speech	.5
_____	_____
_____	_____
_____	_____
TOTAL	_____
(minimum 7credits)	

**SOPHOMORE COURSES**

	<b><u># credits</u></b>
Theology	1
English	1
Mathematics	1
World Language	1
Science	1
Social Studies	1
_____	_____
_____	_____
_____	_____
TOTAL	_____
(minimum 7 credits)	

**JUNIOR COURSES**

	<b><u># credits</u></b>
Theology	1
English	1
Mathematics	1
Science	1
Social Studies	1
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
TOTAL	_____
(minimum 7)	

**SENIOR COURSES**

	<b><u># credits</u></b>
Theology	1
English	1
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
TOTAL	_____
(minimum 7)	

# ACCUMULATED CREDIT SHEET

<u>First Semester</u>		<u>Second Semester</u>	
Course Title	Credits earned	Course Title	Credits earned
<b>THEOLOGY (4 required)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<b>ENGLISH (4 required)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<b>SOCIAL STUDIES (3 required)</b>			
_____	_____	_____	_____
Federal Constitution (pass)		State Constitution (pass)	
<b>WORLD LANGUAGE OR LANGUAGE SKILLS (2 required)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
<b>MATHEMATICS (3 required)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<b>SCIENCE (3 required, 2 must be lab courses)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<b>FINE ARTS (1 required)</b>			
_____	_____	_____	_____
<b>PRATICAL ARTS (1 required)</b>			
_____	_____	_____	_____
<b>PHYSICAL EDUCATION (1.5 required)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
<b>ELECTIVES (5.5 required)</b>			
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
<b>TOTAL NEEDED FOR GRADUATION = 28 CREDITS</b>			

# BUSINESS

## 512 BUSINESS TECHNOLOGY 1

Fr,So,Jr,Sr  
Sem – ½ credit

Here is where you start! Keyboarding is the basic building block for all computer work. This beginning course is one semester and focuses on developing basic keyboarding technique using touch method. Emphasis is on developing speed and accuracy. Students will learn to key, correct, and print personal and business applications – letters, memos, tables, and the MLA report format. Students will learn the numeric keypad, and Microsoft PowerPoint presentations are introduced. This class will be helpful for any future computer class.

## 522 HUMAN RELATIONS AND COMMUNICATIONS

So,Jr,Sr  
Sem – ½ credit

The competitive job market of the future will demand that you are flexible, creative, and able to work and communicate effectively with others. In this course, we work on improving communication skills and human relation skills on the personal and business levels. Students will learn effective marketing strategies and learn to market themselves in resumes and interviews. Reading, speaking, and listening techniques are reviewed and improved. Students learn to develop more effective written and oral communication styles, which will enable them to become more effective leaders in the business world.

## 552 PERSONAL FINANCE

Jr,Sr  
Sem – ½ credit

One day the paycheck, bills and financial responsibilities will be yours—will you be ready? Studies show that two-thirds of high school seniors do not understand the basics of personal finance. Don't let the lack of financial literacy hurt you! This course is divided into four main areas:

Taxes: Covering several types of taxation such as sales, excise, and social security, but concentrating heavily on the federal income tax system and the filing of federal income tax forms.

Investments: An introduction to various ways to invest money through stocks, bonds, mutual funds, and real estate; included is how to perform investment interest calculations.

Money Management: Discussion of the importance of setting financial goals and budgets and practical application of these ideas, including maintaining a checking and savings account and the proper use of credit.

Insurance: Advantages and disadvantages of insurance coverage as well as an explanation of life, home and automobile insurance.

## 553 BUSINESS LAW

Jr,Sr  
Sem – ½ credit

Are you interested in how the court system works, how your legal status changes when you turn 18, or what you can do to protect yourself from fraud? If so, try studying BUSINESS LAW. This course is designed to help the student relate the law to her/his life – as a citizen, a minor and a

consumer. Current events are used to understand the impact of law on our lives and in business. Vocabulary is emphasized, and logical thinking skills are necessary for success in this class.

### **555 MARKETING**

Jr,Sr  
Sem – ½ credit

This one semester course focuses on the activities involved in transferring business products from the warehouse to the consumer's house. 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 the following about marketing in the new millennium:

- Developing a marketing strategy
- Identifying target markets
- Putting together the marketing mix (product, place, price, promotion)

### **562 ACCOUNTING 1**

Jr,Sr  
Year – 1 credit

For students interested in the daily activities of owning or managing a business and understanding that successfully managing personal finances is very similar to company finances. The scope of the course covers the entire accounting cycle. Students will learn to prepare balance sheets, journalize entries, post to the general and subsidiary ledgers, prepare financial statements, and record adjusting and closing entries. Computers are used for business simulations so students have a realistic view of the entire accounting cycle and the opportunity for practical application.

### **563\* ACCOUNTING 2**

Weighted

Sr  
Year – 1 credit

Prerequisite: C in Accounting 1 and teacher approval

This second year course is specifically vocational and career-oriented, and planned for those who have one or more of the following objectives:

1. To become an accounting clerk after graduation.
2. To go to college and major in accounting, finance, management, etc.
3. To know more about business procedures and business records so that, as a future proprietor or manager, one could direct or interpret business records.

Students will continue to apply the basic accounting principles as well as learn new procedures that are specific to corporation accounting, departmental accounting, cost accounting, and control systems. Students will be introduced to computerized accounting including a computer business simulation.

### **592 COMPUTER APPLICATIONS**

So,Jr,Sr  
Sem – ½ credit

A proficiency in word processing, data base, and spreadsheets will help you in your personal, educational, and professional life. Learn to use graphics and Smart Art; create flyers, newsletters, and brochures; prepare reports with footnotes, end notes, and tables of content using Word. Use Excel to present data; use formulas and functions to perform

calculations, create charts, and create what-if scenarios using your data. Learn to use PowerPoint presentation software to create presentations with graphics and charts, slide transitions, and animations. Additional topics will be covered as time permits. No programming skills are necessary. There is limited enrollment. Students may need to work in the computer lab in addition to regular class times.

## ENGLISH

### 011 INTRODUCTION TO FRESHMAN ENGLISH

Fr  
Year – 1<sup>st</sup> Sem – ½ credit—2<sup>nd</sup> Sem – ½ credit

This course is for the student who needs a slower paced Freshman English class. This course teaches communication skills, both oral and written. The course will use group work, writing skills with an emphasis on grammar, and literature to bring basic students to the same level as those students in the regular Freshman English by the end of freshman year. The students in this class will be given more individualized and small group work. 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 in essay tests and examinations. Students will also be instructed in the elements of the story, drama, and some types of non-fiction. They will be expected to develop a literary vocabulary and library skills will be included in the curriculum.

### 012 FRESHMAN ENGLISH

Fr  
Year – 1<sup>st</sup> Sem – ½ credit—2<sup>nd</sup> Sem – ½ credit

This course teaches communication skills, both oral and written. It will refine these abilities through regular practice in written composition, chiefly a sequence of descriptive prose compositions as well as practical in essay tests and examinations. Students will also be instructed in the elements of the story, drama, and some types of non-fiction and be expected to be familiar with them. They will also be expected to develop a vocabulary suitable to the above, as well as be able to use the library appropriately. Acrostic research project required.

### 013\* FRESHMAN HONORS ENGLISH

Fr  
Weighted Year – 1<sup>st</sup> Sem – ½ credit—2<sup>nd</sup> Sem – ½ credit

Prerequisite: Superior test scores in reading and language.

This course will teach communication skills, both written and oral, at an accelerated rate and in a challenging manner. Students are expected to demonstrate a mastery of the mechanics of written expression. The emphasis in this course is on reactions to literature and the expression of these reactions in both spoken and written form. Students will be expected to go beyond familiarity with literary elements to some appropriate understanding and expressions of relationships among them. Regular and intense writing assignments will be central to all aspects of this course. Discipline in academic pursuits is both taught and expected. Acrostic research project required.

### 014 SPEECH

Fr  
Sem – ½ credit

According to the 21st Century Literacy Summit, “information and communications technologies are raising the bar on the competencies needed to succeed in the 21st century.” Both researchers and the business community agree: effective communication skills are essential for success in

today's knowledge-based society. This class gives each student at least 40 opportunities to speak in front of a group. Learning how to speak in many situations is a good way to prepare freshman for a life-long necessity of speaking in public.

**022 SOPHOMORE ENGLISH**

So  
Year – 1<sup>st</sup> Sem – ½ credit—2<sup>nd</sup> Sem – ½ credit

The emphasis in this course will further develop concepts introduced in 012. This course will engage students in a focused study of contemporary literature, fantasy/sci-fi literature, a collection of Shakespeare and creative writing. The student will be expected to express his own experience and others in a variety of writings. Mechanics and usage are treated when they are appropriate to the material studied or as an individual demonstrates some difficulty. Students will be expected to discuss and analyze to some degree. I-Search Project required.

**023\* HONORS SOPHOMORE ENGLISH**

So  
Weighted Year – 1<sup>st</sup> Sem – ½ credit—2<sup>nd</sup> Sem – ½ credit

This course will further develop concepts introduced in 013. This course will engage students in a focused study of contemporary literature, fantasy/sci-fi literature, a collection of Shakespeare and creative writing. The student will be expected to express his own experience and others in a variety of writings. Students will be expected to make extensive use of resources outside the classroom as material for writing. Mechanics and usage are treated when they are appropriate to the material studied or as an individual demonstrates some difficulty. Students should expect to develop an increased ability to react and analyze in a way intelligible to him and others and to share this reaction in both spoken and written form. I-Search required.

**032 JUNIOR ENGLISH**

Jr  
Year – 1<sup>st</sup> Sem – ½ credit—2<sup>nd</sup> Sem – ½ credit

This course is a survey of American literature from the beginnings through the 19<sup>th</sup> and 20<sup>th</sup> centuries. The composition will center on the literature studied. There will be an emphasis on the mastery of organization, mechanics and usage in short essays and explanatory prose as well as longer analytical papers. A research paper is also required.

**033\* HONORS JUNIOR ENGLISH**

Jr  
Weighted Year – 1<sup>st</sup> Sem – ½ credit—2<sup>nd</sup> Sem – ½ credit

Prerequisite: Teacher approval

This weighted course will center on the poets, novelists, and short-story writers of American Literature from the beginnings of the 16<sup>th</sup> century through the 20<sup>th</sup> century. The student will study these major writers and works in terms of the influence they have had on what followed both historically and literarily. The writing will center on response to and analysis of the writers and works studies in this course. A research paper is also required.

**035\* THE PROCESS OF COMPOSITION**

Jr  
(SLU-ENG-150) ACC – Weighted 1st Sem – ½ credit

Prerequisite: 3.0 on a 4.0 scale; Teacher approval; satisfactory performance on special writing test.

English 150 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 a series of short essays (approximately 6 4-5 page essays), and reflection papers (one per quarter).

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 (possibly including poetry, fiction, drama, and film) and professional publications (possibly including *The New York Times* and *Harper's*).

See pp. viii of this GUIDE for additional information for this course.

**036\* ADVANCED STRATEGIES OF RHETORIC/RESEARCH** Jr  
(SLU-ENG-190) ACC – Weighted 2nd Sem – 1/2 credit  
Prerequisite: SLU-ENG 150 X 28; teacher approval; 3.0 on a 4.0 scale

English 190 is a Saint Louis University class taught at Duchesne allowing the student to earn both high school and college credit. 190 is a required course for students attending Saint Louis University. 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 a series of short essays (approximately 4 4-5 page essays), reflection papers (one per quarter), and a research paper (approximately 10-12 pages).

The course stems from the foundation developed in 150 and focuses on a classical understanding of argument and rhetoric. Essays, consequently, will move from the personal to the persuasive and argumentative. Students will develop the rhetorical skills necessary to convince an audience. The semester's writing will culminate in an end of the year research project, requiring students to do collegiate research. In addition to their own writing, students will explore and examine texts from multiple genres (possibly including poetry, fiction, drama, and film) and professional publications (possibly including *The New York Times* and *Harper's*).

See pp. viii of this GUIDE for additional information for this course.

**038 YEARBOOK** So,Jr,Sr  
Year – 1 credit

This class is responsible for publishing the school yearbook. Students should realize that application and acceptance for this class constitutes a commitment to be part of the yearbook for the year. **This class may not be taken in place of a regular English class, but does satisfy Practical Arts requirement.**

The teams will study the fundamentals of journalistic writing, interviewing, photography, and cutting edge desktop publishing. Other learned skills include research, proofreading and editing, layout and design, and marketing. The InDesign Program used in this class is also used in publishing and marketing in the business world.

Students must apply for this elective class. Applications will include recommendations from 2 former teachers concerning writing skills and responsibility levels.

The finished yearbook forms a writing portfolio, which may be useful in gaining scholarships.

**039 NEWSPAPER**So, Jr, Sr  
Year – 1 credit

This class is responsible for publishing the school newspaper. Students should realize that application and acceptance for this class constitutes a commitment to be part of a team for the year. Students are sometimes required to attend meeting after school and on weekends.

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

Students must apply for this elective class. Applications will include writing sample, and recommendations from 2 former teachers concerning writing skills and responsibility levels. **This class may not be taken in place of a regular English class, but does satisfy Practical Arts requirement.**

The finished newspaper forms a writing portfolio, which may be useful in gaining scholarships.

**042 SENIOR ENGLISH**Sr  
Year – 1<sup>st</sup> Sem – ½ credit—2<sup>nd</sup> Sem – ½ credit

This course is a survey of English literature from the beginning through the twentieth century. The literary focus is on changing styles and themes in major works. The composition is in part centered on the literature studies. In addition, there is focus on various nonfiction types, as preparation for higher learning. A research paper is introduced and required.

**043\* HONORS SENIOR ENGLISH**Sr  
Weighted 1<sup>st</sup> Sem – ½ credit—2<sup>nd</sup> Sem – ½ credit

This weighted course will consider the great authors and works of English literature from its beginning to the twentieth century. The writing will be centered on the analysis of literature and will involve analytical essays on the writers and works. There will be a study of the author's biographies, as well. A research paper is required.

**045\* INTRODUCTION TO LITERATURE**(SLU-ENG-202) ACC- Weighted Sr  
1st Sem – 1/2 credit

Prerequisite: Department approval; typing ability

The student will develop stronger skills in critical reading, writing and thinking through a careful study of literature appropriate to a second-year college course from a variety of authors, forms, time periods and countries. The course involves close reading of texts, intensive discussion, and critical/analytical writing. The university sets the cost of the three hours of college credit given through St. Louis University. See pp. xix of this guide for additional requirements/information for this course.

See pp. viii of this GUIDE for additional information for this course.

**046\* INTRODUCTION TO THE NOVEL**  
(SLU-ENG-230) ACC- Weighted

Sr  
2nd Sem – ½ credit

Prerequisite: English 202; English 150/190; teacher approval; 3.0 on a 4.0 scale.

English 230 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 reading quizzes, reflection papers, short essays, a long essay, a midterm, and a final.

English 230 will develop the critical thinking and close reading strategies introduced in English 202 through an exploration of 20<sup>th</sup> and 21<sup>st</sup> century novels. The class will introduce the genre and discuss how that form is influenced by the demands of modern and post-modern life. The course may include (but is not limited to) texts by Virginia Woolf, James Joyce, Pat Barker, Ian McEwan, Graham Greene, John Fowles, Paul Auster, Sherman Alexie, Don DeLillo, Louise Erdrich, F. Scott Fitzgerald, Toni Morrison, Gabriel Garcia Marquez, Chinua Achebe, and Cormac McCarthy.

See pp. viii of this GUIDE for additional information for this course.

## FINE ARTS

### ART

**610 ART 1**

Fr,So,Jr,Sr  
Semester – ½ credit

This beginning level course focuses on the language of visual art as a “key” to understanding, appreciating and creating works of art. Students are introduced to the elements and principles of art, the many different types of art created throughout history, and career opportunities in art. Students will experience hands-on activities in a variety of media. Along with the studio projects, this course will include some academic material, quizzes, tests, and sketchbook assignments. Students will be expected to supply some materials. This course is a prerequisite for most of the upper-level art courses.

(If you have taken Intro to Art in the past, you are exempt from having to take this class.)

**611 DRAWING 1**

So,Jr,Sr  
Semester – ½ credit

Prerequisite: Art 1

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 2**So, Jr, Sr  
Semester – ½ credit

Prerequisite: Art 1 and Drawing 1

This course is a continuation of Drawing 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.

(This course will only be offered every other year – 2010/2011, 2012/2013, 2014/2015, 2016/2017, etc.)

**613 PAINTING 1**So, Jr, Sr  
Semester – ½ credit

Prerequisite: Art 1 and Drawing

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. Class size is limited.

**614 PAINTING 2**So, Jr, Sr  
Semester – ½ credit

Prerequisite: Art 1, Drawing, and 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. Class size is limited.

(This course will only be offered every other year – 2011/2012, 2013/2014, 2015/2016, 2017/2018, etc.)

**615 CERAMICS 1**So, Jr, Sr  
Semester – ½ credit

Prerequisite: Art 1

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. Some written work and quizzes will be included. Students must supply their own materials. Class size is limited to 18 students.

**616 CERAMICS 2**So, Jr, Sr  
Semester – ½ credit

Prerequisite: Art 1 and 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. Class size is limited to 18 students.

(This course will only be offered every other year – 2010/2011, 2012/2013, 2014/2015, 2016/2017, etc.)

**617 MIXED MEDIA**

So, Jr, Sr  
Semester – ½ 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 – ½ credit

Prerequisite: None

This is an introductory course in digital photography and Adobe Photoshop. Basic camera and composition skills will be covered, as well as software options and techniques. This course involves some written work and tests along with hands on experience of the camera and computer. Students will need a digital camera of at least 6 mp, a flash drive, and photo printing paper. Class size is limited to 15 students.

**619 JUNIOR/SENIOR ART SEMINAR**

Jr, Sr  
Semester – ½ credit

Prerequisite: Art 1, Drawing 1, Painting 1, and permission of the art teacher

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**

**681 ACTING 1**

So,Jr,Sr  
Sem – ½ credit

Prerequisite: Approval by instructor necessary. (Class limit of twenty)

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.

**682 ACTING 2**

So,Jr,Sr  
Sem – ½ credit

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.

**683 ACTING 3**

Jr,Sr  
Sem – ½ credit

This class is for students who have completed Acting 1 and Acting 2 and would like to strengthen their acting abilities. Individualized instruction for development of characterization will be emphasized.

**685 ACTING TECHNIQUES IN FILM**

So, Jr,Sr  
Sem – ½ credit

This one semester class is for students interested in learning about techniques of acting in classic comedies and dramas. Using videos to develop understanding of great acting and directing techniques, is our primary goal. An essay will be required after the viewing of each video. No student performances are included in this class.

**686 CREATIVE DRAMA AND IMPROVISATION**

So,Jr,Sr  
Sem – ½ credit

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.

**687 VIDEO PRODUCTIONS 1**

So,Jr,Sr  
Sem – ½ credit

Learn how to create and produce video. Students will create video stories, learn to work equipment and star in their own videos. This is a class for students who want to learn about both sides of the camera. Students who signed up previously and didn't get this class will be first on list if you sign up this year.

**688 VIDEO PRODUCTIONS 2**

Jr,Sr  
Sem – ½ credit

This course is offered to students who have completed Video Productions 1. Only students who excelled in Video 1 will be allowed to participate in this class. Our goal is to create a longer video, about 45 minutes. In order to do this students will have to write a script, direct, act, design costumes, film with our professional camera, and edit both the video and the sound track. You have to excel in one of these areas to participate in the class. We will meet in class everyday to write and plan, however the filming will take place on the weekends and holidays. This means all members must be able to work in this schedule. This is a class that demands creativity, perseverance, and dedication to a very high degree.

## MUSIC

### **620 BEGINNING MEN'S CHOIR** **621 BEGINNING WOMEN'S CHOIR**

Fr,So,Jr  
Year – 1 credit Daily

No singing experience necessary. This choir is designed for any student who desires the opportunity to learn to sing and understand music. Students will be required to participate in some school performances outside of class time. Men and women meet in separate classes but sometimes perform together. A student new to choir but that has singing and/or music reading experience he/she may audition for an upper level choir – (girls) Women's choir, (boys) Concert Choir.

### **622 WOMEN'S CHOIR**

Fr,So,Jr,Sr  
Year – 1 credit Daily

Prerequisite: Previous singing experience

This choir is for females new to Duchesne that have some singing experience and females moving up from Beginning choir. The class is a review of basic music skills then moves on a faster, more challenging pace than the Beginning Choirs. These young women are required to participate in the school concerts outside of class and with the upper level choir women at competition in the spring.

### **623 CONCERT CHOIR**

So,Jr,Sr  
Year – 1 credit

Prerequisite: Previous music experience and audition

Any sophomore, junior or senior (boys or girls) with music experience are welcome to audition for this group. Students are expected to have a basic knowledge of reading music. This choir performs challenging 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.

### **624\* ADVANCED VOCAL ENSEMBLE**

Weighted

So,Jr,Sr  
Year – 1 credit

Prerequisite: Music performance experience at Duchesne

Open through audition only. 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. This group has many performances throughout the year and travels to competitions annually. Music reading skills are expected as it is an academic/honors course.

### **641 BEGINNING INSTRUMENTAL**

Fr,So,Jr,Sr  
Year - 1 credit Daily

This class is a full credit course designed for students with little or no musical experience who would like to learn the basics of playing a musical instrument. The focus of this class is on the preparation of students to be full and contributing members of the Duchesne Pioneer Band. Students will choose between flute, clarinet, saxophone, French horn, trumpet, trombone or tuba.

**642 CONCERT BAND**Fr,So,Jr,Sr  
Year – 1 credit Daily

Prerequisite: Previous instrumental experience

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.

**643 JAZZ BAND**Fr,So,Jr,Sr  
Year – ½ credit 2-3 times per week

Prerequisite: Director's 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.

**644 MUSIC THEORY**So,Jr,Sr  
Sem – ½ credit

Prerequisite: Permission of instructor

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.

**646 MUSIC APPRECIATION**Fr,So,Jr,Sr  
Sem – ½ credit

This course is designed for students with no musical experience who would like an introduction to various styles of music. Some topics, which will be explored, include band and orchestral music, careers in music, rock and jazz music, and musicals.

**647 BEGINNING GUITAR CLASS**Fr,So,Jr,Sr  
Sem- ½ credit

Prerequisite: 646 Music Appreciation

This course is designed for students with no previous experience on the guitar. Solo and ensemble work will be included. Students must furnish their own electric or acoustic guitar. Students will be required to participate in some performances.

**648 ADVANCED GUITAR CLASS**Fr,So,Jr,Sr  
Sem – ½ credit

Prerequisite: 646 Music Appreciation and 647 Beginning Guitar or approval of instructor

This course is designed for students with previous experience on the guitar. Ensemble playing as well as solo work will be included. Several styles of music will be played. Students will be required to participate in some performances.

**649\* HONORS CONCERT BAND**

Weighted

Jr, Sr

Yr. – one credit

This is a full credit class available to only juniors and seniors 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:

1. Performance, 2. Community Service, 3. Listening.

**MATHEMATICS****RECOMMENDED MATHEMATICS SEQUENCE CHART**

NOTE: 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.

	For class of 2014	For class of 2013	For class of 2012	For class of 2011
Option A:	Fundamentals of Algebra 1	Algebra- Extended 2	Geometry Extended	Algebra 2
Option B:	Algebra 1	Geometry	Algebra 2	Precalculus or Algebra 3/Trig
Option C:	Honors Algebra 1	Honors Geometry	Hon. Alg. 2 and Trigonometry	Calculus or Precalculus or Algebra 3/Trig
Option D:	Advanced Honors Algebra	Honors Algebra 2	Tigonometry or Precalculus	Calculus or Precalculus or Algebra 3/Trig

**311 FUNDAMENTALS OF ALGEBRA 1**

Fr

Year – 1 credit

The content of this course is similar to that of Algebra I. It will move at a slower pace and there will be less emphasis on theory.

**312 ALGEBRA 1**

Fr

Year – 1 credit

Prerequisite: Average test scores in math and quantitative ability

This course is designed for students choosing Option B sequence. This course includes sets, real numbers, solving equations and inequalities, polynomials, graphs of linear and quadratic equations, and verbal problems. Geometry can be taken after satisfactorily completing this course.

**313\* HONORS ALGEBRA 1** Fr  
Weighted Year – 1 credit

Prerequisite: Superior test scores in math and quantitative ability

This course content is basically the same as 312. Students who enroll in 313 level are expected to move at a more rapid pace. Extra or outside work will be required in this course. Honors Geometry is recommended upon successful completion of this course.

**314\* ADVANCED HONORS ALGEBRA** Fr  
Weighted Year-1 credit

Prerequisite: Superior test scores in math plus superior score on Math Dept. test

This course will review Algebra 1 topics and then cover topics in Algebra 2. It will move at a rapid pace and will incorporate language, theory as well as application and practice. It is open only to freshmen who have successfully completed Algebra 1 in 8<sup>th</sup> grade. Students will be required to take a special test before being admitted to this course.

**321 ALGEBRA EXTENDED 2** So  
Year – 1 credit

Prerequisite: Successful Completion of Algebra Extended

This course is the second in the sequence of courses designed to cover Algebra 1. Students enrolled in this course will take Geometry Extended as juniors.

**322 GEOMETRY** So  
Year – 1 credit

Prerequisite: Algebra 1, Approval of the student's Algebra 1 teacher

This course is the study of plane and coordinate geometry, definitions and axioms, with a stress on proof and deductive reasoning. Topics include elements of geometry, inductive and deductive reasoning, proofs, polygons, constructions, and formulas for area and volume. Most colleges include this course as an admission requirement.

**323\* HONORS GEOMETRY** So  
Weighted Year – 1 credit

Prerequisite: Honors Algebra 1 (A or B average), and Approval of Algebra 1 teacher

Course content is basically the same as 322. Students who enroll in 323 level are expected to cover more material and move at a rapid pace. Extra or outside work will be required.

**331 GEOMETRY EXTENDED** Jr  
Year – 1 credit

Prerequisite: Successfully completed Algebra Extended 2

This course is for students enrolled in the Option A sequence. It is the last course in the series and will complete a student's study of Geometry. Students who complete with at least a C average will be able to enroll in Algebra 2.

### 332 ALGEBRA 2

So,Jr,Sr  
Year – 1 credit

Prerequisite: Algebra 1, Geometry – Approval of Geometry teachers

Students who did not have a C average in Algebra 1 are advised to complete a summer refresher course.

Algebra 2 is 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. This is recommended for college bound students. This course is a co-requisite for Chemistry and prerequisite for Physics.

### 333\* HONORS ALGEBRA 2

Weighted

So,Jr  
Year – 1 credit

Prerequisite: Honors Algebra 1, Honors Geometry – C average; teacher approval

This course provides a more critical review of the topics in Algebra 1. Course contents are basically the same as 332. Students who enroll in the 333 level are expected to move at a more rapid pace. Extra work is part of this course. It is a prerequisite for Honors Chemistry and a prerequisite Honors Physics.

### 335\* TRIGONOMETRY

Weighted

Jr  
Sem – ½ credit

\*\* Second semester Juniors only who plan to take Calculus and Honors Physics as a Senior

Prerequisite: Hon. Algebra 1, Hon. Geometry, enrolled in Hon. Algebra 2; Honors Geometry teacher approval. Maintain A or B in Honors Algebra 2.

Trigonometry is an excellent example of unified mathematics. It is a true correlation of arithmetic, algebra, and geometry. Topics include trig. functions, applications, graphical representation, identities and conditional equations, complex numbers and verbal problems. This course is a prerequisite for Honors Physics and/or Calculus.

### 343 ALGEBRA 3 and TRIGONOMETRY

Sr  
Year – 1 credit

Prerequisite: Passing Grade in Algebra 2

This course is designed for students who are NOT planning to major in a science, engineering or math field in college, but would like a fourth year in math. It is a non-weighted course that will study the mathematics of functions, statistics, and trigonometry. It will focus on real-world examples and applications, which show the beauty of mathematics and its abundant uses. It is a strong preparation for College Algebra.

### 344\* PRECALCULUS

Weighted

Jr,Sr  
Year – 1 credit

Prerequisite: A or B in Honors Algebra 2

This course deals with advanced topics of mathematics. Topics include: Functions of Real Numbers and advanced graphing, trigonometry, polynomials, and logarithms. It will also include study in areas of discrete mathematics and statistics. This course should strongly be considered by any student planning on pursuing a career in engineering, math or physical sciences.

**345\* ACC CALCULUS**

Weighted ACC

Sr  
Year – 1 credit

Prerequisite: Honors Algebra 2 &amp; Trig. – B average; teacher approval

This course is designed as the 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 the following concepts: 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 an integral part of this course. This is a rich preparation for college mathematics and related fields.

See pp. viii of this GUIDE for additional information for this course.**PHYSICAL EDUCATION***Students must take two of the following over their four years:***801 BEGINNING TEAM SPORTS**Fr,So  
Sem – ½ credit

This is a co-ed class that meets every day for a semester. 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, softball, soccer, fleet ball, wiffle ball, and floor hockey.

**802 INDIVIDUAL AND DUAL SPORTS**Fr,So  
Sem – ½ credit

This is a co-ed class that meets everyday for a semester. 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, golf, tennis, pickle ball, bowling, shuffleboard and badminton.

**803 AEROBICS**So,Jr,Sr  
Sem – ½ credit

This is a co-ed class that meets everyday for a semester. 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 and plyometrics.

**804 WEIGHT TRAINING**Fr,So,Jr,Sr  
Sem – ½ credit

Prerequisite: Students must have approval from teacher in the P.E. Department.

This is a co-ed course that meets everyday for a semester. 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.

**805 ADVANCED TEAM SPORTS**So,Jr,Sr  
Sem – ½ credit

Prerequisite: Students must have approval from teacher in the P.E. Department.

This is a co-ed course that meets everyday for a semester. 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, volleyball, soccer and softball. During the semester, there are class tournaments and competitions in the various activities.

*Students must take one of the following:*

**810 FITNESS AND WELLNESS 1**Fr,So  
Sem – ½ credit

This is a co-ed course that meets in a classroom everyday for one semester. 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.

**811 FITNESS AND WELLNESS 2**Jr,Sr  
Sem – ½ credit

This is a co-ed course that meets in a classroom every day for one semester. 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.

IF A STUDENT WISHES TO TAKE COURSES BEYOND THE REQUIREMENT, THEY MAY BE USED AS ELECTIVES.

# SCIENCE

## RECOMMENDED SCIENCE SEQUENCE CHART

Three credits of science (2 credits must be lab courses) are required for graduation from Duchesne and 4 are highly recommended. Physical Science is a prerequisite for Biology

	<u>FRESHMAN</u>	<u>SOPHOMORE</u>	<u>JUNIOR</u>	<u>SENIOR</u>
OPTION A	Intro to Physical Science	Intro to Biology	Intro to Chemistry	Environmental Science/Issues in Science (not lab courses)
OPTION B	Physical Science	Biology	Intro to Chemistry	Environmental Science/ Issues in Science (not lab courses)
OPTION C	Physical Science	Biology	Chemistry	Physics and/or and/or Anatomy & Physiology
OPTION D	Honors Physical Science	Honors Biology	Chemistry and Anatomy/ Physiology	Physics and/or ACC Chemistry and/or Anatomy & Physiology
OPTION E	Honors Physical Science	Honors Biology	Honors Chemistry and Honors Anatomy/ Physiology	Honors Physics and/or ACC Chemistry and/or Honors Anatomy/ Physiology

**Important: Students who do not meet the prerequisites for the next sequence course are strongly discouraged from seeking an exception to enroll in the course.**

### 411 INTRODUCTION TO PHYSICAL SCIENCE

Fr  
Year – 1 credit

The purpose of this course is to introduce students to the basics of physics and chemistry. Areas of concentration include laboratory and classroom skills such as note taking, measuring, using the scientific method and researching information.

**412 PHYSICAL SCIENCE**Fr  
Year – 1 credit

Physical Science exposes students to a more in depth look at physics and chemistry. Students will work on laboratory and classroom skills such as note taking, measuring, using the scientific method, researching information and problem solving.

**413\* HONORS PHYSICAL SCIENCE**

Weighted

Fr  
Year – 1 credit

Much of the same material covered in Physical Science (412) is covered in this course. Advanced problem solving, questioning, and application of the scientific method is studied. In addition to laboratory reports, students are exposed to researching scientific topics.

**421 INTRODUCTION TO BIOLOGY**So  
Year – 1 credit

Prerequisite: Introduction to Physical Science or signature of physical science teacher

NOTE: This course will not meet the prerequisites for Anatomy/Physiology and Physics as a senior.

This course covers scientific procedure, the structure and function of cells and tissues, the basic organic systems in plants, animals and man, heredity, evolution, basic human physiology and ecology. This course includes lecture, laboratory, homework activities, and other hands-on activities.

**422 BIOLOGY**So  
Year – 1 credit

Prerequisite: Physical Science or signature of physical science teacher

This course covers the fundamentals of cell structure and functions, genetics; a survey of the five kingdoms, a general study of human anatomy, 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. Homework is assigned.

**423\* HONORS BIOLOGY**

Weighted

So  
Year – 1 credit

Prerequisite: A or B average in Honors Physical Science and/or signature of science teacher

This course covers in depth the concepts of cell anatomy and physiology; genetics; a survey of the five kingdoms; a general study of human anatomy and physiology; 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 422. Laboratory work, hands-on activities and research into current science topics and use of the computer lab and Internet are part of this course. Additional projects will be required of all Honors Biology students.

### **431 INTRODUCTION TO CHEMISTRY**

Jr,Sr

Year – 1 credit

Prerequisite: Biology 421 and enrollment in Algebra Extended 2 and/or signature of science and math teachers.

NOTE: This course does not meet the prerequisites for Anatomy/Physiology or Physics.

This course is for those students who do not meet the prerequisite for chemistry or honors chemistry. The purpose of this course is to introduce the students to the world of chemistry and to show how chemistry relates to the everyday world. Most areas of the chemistry curriculum are covered, but at an appropriate level. Laboratory work will be included and students will be expected to write laboratory reports. Basic mathematical concepts are used in problem solving and interpreting laboratory data.

### **432 CHEMISTRY**

Jr,Sr

Year – 1 credit

Prerequisite: C average in Algebra 1 and Geometry; Biology (422); signature of the math and science teachers and enrollment in Algebra 2.

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. Daily homework is to be expected. Additional projects will be required of all Honors Chemistry students.

### **433\* HONORS CHEMISTRY**

Jr,Sr

Weighted

Year – 1 credit

Prerequisite: B average in Honors Algebra 1 and Geometry; Honors Biology (423); signature of the math and science teachers, and enrollment in Honors Algebra 2 or completion of Honors Algebra 2 with a B average. Those students not meeting these requirements (i.e. not enrolled in Honors Algebra 2) can take a placement test. A satisfactory score will allow the student to take Honors Chemistry.

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. Daily homework is to be expected. Additional projects will be required of all Honors Chemistry students.

### **434\* ACC CHEMISTRY**

Sr

ACC- Weighted

Year – 1 credit

(SLU CHEM – 162 X 28, 162 x 28)

Prerequisites: At Least a B in Chemistry or Honors Chemistry and approval of chemistry teacher. 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 8 credit hours of Intro to Chemistry I and II. See pp. viii of this GUIDE for additional information for this course.

#### 442 PHYSICS

Sr  
Year – 1 credit

Prerequisite: C average in Algebra 2, and Chemistry; signature of the math and science teachers.

This course enables a student to understand and apply the basic laws of physics in a practical way. It provides a math-oriented, highly practical approach to the basic areas of motion and dynamics: heat, sound, optics and electricity. Laboratory work, to introduce/reinforce concepts, is followed up by required formal lab reports. Daily homework is to be expected. This class will be valuable for students interested in science, medicine, and engineering.

#### 443\* HONORS PHYSICS

Weighted Sr  
Year – 1 credit

Prerequisite: B average in Algebra 2, Geometry, Trigonometry, ACC Chemistry or Honors Chemistry; signature of the math and science teachers.

Physics is the study of relationships between matter and energy. The prime areas of concentration include mechanics, heat, sound, optics and electricity. Frequent laboratory work is used to introduce/reinforce the mathematical and physical application of the concept. Labs require a written formal lab report. A research paper will be required second semester. Daily homework is to be expected.

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.

#### 452 ENVIRONMENTAL SCIENCE

Sr  
Semester 1 – ½ credit

Prerequisite: Two lab science credits

**This course will be offered first semester only.** Topics presented in this course will deal with interactions that occur in nature; including human beings and the way they interact with the environment.

#### 453 CURRENT ISSUES IN SCIENCE

Sr  
Semester 2 – ½ credit

Prerequisite: Two lab science credits

**This course will be offered second semester only.** Subject matter in this course will revolve around current topics and issues that are scientific in nature. Possible topics include endangered species, emerging viruses, and biotechnology.

#### 462 ANATOMY AND PHYSIOLOGY

Jr,Sr  
Year – 1 credit

Prerequisite: Passing grade in Physical Science, Biology and Chemistry other than Intro classes

Anatomy is the study of the human body. Physiology is the study of how the human body works. This course 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.

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.  
Note: Success in this class requires good memorization skills.

**463\* HONORS ANATOMY AND PHYSIOLOGY** Jr,Sr  
Weighted Year – 1 credit

Prerequisite: At least a B in Honors Biology and at least a B in Chemistry or permission of the science teacher. Signatures of biology and chemistry teacher are required. Juniors must be concurrently enrolled in Honors Chemistry.

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.

## **SOCIAL STUDIES**

**112 WORLD HISTORY** Fr  
Year – 1 credit

This course will study global human development through history with particular emphasis being placed on applying history's lessons to current world events. Ancient to modern civilizations will be used to 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.

**113 \*HONORS WORLD HISTORY** Fr  
Weighted Year – 1 credit

This course will move at a faster pace than World History. We will study global human development through history with particular emphasis being placed on applying history's lessons to current world events. Ancient to modern civilizations will be used to 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 AMERICAN GOVERNMENT/CIVICS**

So  
Semester – ½ credit

**THIS COURSE FULFILLS THE MISSOURI REQUIREMENT FOR GRADUATION.**

Students will investigate the origin and development of governmental systems, with particular emphasis on U.S. government and how it interacts with other major governmental and economic systems. Particular attention will be paid to the three branches of the Federal Government as delineated in the U.S. Constitution, with emphasis placed on students' civil rights and responsibilities as active citizens voters. Students should expect to take notes, do research, write papers, and complete projects on a variety of political and current affairs issues.

**123 WORLD GEOGRAPHY**

So  
Semester – ½ credit

The course includes an in-depth study of physical, cultural and economic geography for the major regions of the world. Students will make note of relationships, similarities and differences between countries. In addition to identification and memorization skills, students will also gain proficiency in map and chart work. Students will also be required to work on outside projects.

**124 \*HONORS AMERICAN GOVERNMENT/CIVICS**

Weighted  
Semester – ½ credit

Prerequisite: Recommendation by World History teacher

**THIS COURSE FULFILLS THE MISSOURI REQUIREMENT FOR GRADUATION.**

The course begins with the privileges and duties of citizenship. It continues with the origins and development of governments and the principles of democracy. Students' civil rights and voting probabilities will be emphasized. Students will be expected to have a command of the current federal and state office holders for Missouri and selected members of Congress. Appropriate vocabulary will be learned. Written papers will be expected.

**125 \*HONORS WORLD GEOGRAPHY**

Weighted  
Semester – ½ credit

Prerequisite: Recommendation by World History teacher

This course focuses on the principles of geography starting with the five themes of geography as stated in the national geography standards. Assignments will include the application of the geographic principles to problem solving activities, interpretation of charts and diagrams and development of map skills. The emphasis shifts to regional geography, investigating the cultures and economics of selected countries on every continent. Additional vocabulary terms and critical thinking questions will be introduced in every chapter. A major research project involving a selected country will be required. Individual and teamwork will be expected.

**132 AMERICAN HISTORY**

Jr  
Year – 1 credit

This course covers the history of the United States from Colonial times to present day. The course is conducted in chronological order following the development of our country from an agricultural wilderness 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. A display of the mastery of the material is also required.

**135\* ACC AMERICAN HISTORY** Jr  
(SLU-HS-X260, X261) ACC-Weighted Year – 1 credit

Prerequisite: Must be recommended to the course after consultation with English teacher and a Social Studies teacher. Must have scored in the 90<sup>th</sup> percentile of the Social Studies section of the PLAN or similar test.

This course covers the entire history of the United States from Colonial times 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 six college credits at a cost set annually by St. Louis University.

See pp. viii of this GUIDE for additional information for this course.

**145 CONTEMPORARY WORLD ISSUES** Sr  
Sem- ½ credit

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.

**155 EAST ASIA** Sr  
Sem- ½ credit

This elective course will expose the student to the history and culture of Asia focusing on China, Japan and Korea. Attention will be drawn to the Asian civilizations' impact on the western world in the past, the present and the future. Geographical comparisons, historical events, cultural contributions, economic fallout, and political and environmental impact will be addressed.

**165\* HONORS AMERICAN POLITICS** Sr  
Weighted Sem – ½ credit

Prerequisite: ACC American History and recommendation by that teacher.

This is an elective course with emphasis on political analysis. Additional reading and research will be required.

**175\* ACC WESTERN CIVILIZATION** Sr  
(SLU-HS-X111, SLU-HS-X112) ACC Weighted Year – 1 credit

Prerequisite: Student must be recommended to the course after consultation with an English teacher and a Social Studies teacher and must have scored in the 90<sup>th</sup> percentile of the Social Studies section of the PLAN.

This is a survey course in Western Civilization. The first semester covers all the major civilizations through the 16<sup>th</sup> Century, with emphasis on Greece, Rome and Medieval Europe. The second semester studies the development of Europe from the French Revolution and the Industrial development and continues to the late 20<sup>th</sup> Century. The course offers six college credits at a cost set annually by St. Louis University.

See pp. viii of this GUIDE for additional information for this course.

# THEOLOGY

Courses in the Theology Department are paired each year to meet the needs of our students:

Freshman Year	Introduction to Catholic Theology/Sacraments
Sophomore Year	Scripture
Junior Year	Morality Moral/Social Issues
Senior Year	Lifestyles/Catholic Beliefs or Lifestyles/Theology Foundations: Discovery (SLU 1818)
Electives	Death and the Christian Christian Prayer

## **912 INTRODUCTION TO CATHOLIC THEOLOGY/SACRAMENTS** Fr Year – 1 credit

In this introductory overview of Catholic theology, the student moves from adolescent experience and change into various topics relevant to Catholic Christian identity, such as: Human Sexuality; Faith Development; the Existence of God; Salvation History; Incarnation and the Paschal Mystery.

The Sacraments course is designed to help the student come to a more mature understanding of Catholic Worship and of personal and communal prayer. The students are presented with the richness of Catholic tradition through doctrinal avenues, historical study, and the practice of Sacraments in Catholic lives today. The opportunity to express his or her relationship with God both privately and as a member of the Catholic Community is offered to the student.

## **922 SCRIPTURES** So Year – 1 credit

The student studies the history of the Pre-Christian times and people, literary form as a tool in the interpretation of the works of the Hebrew Scriptures, and major themes of the Pentateuch Historical Books, Prophetic Books, and Wisdom Literature.

The student studies the history of the New Testament people and times and the literary form of the Gospels, discovering Jesus, his teachings, and how He appears in the New Testament.

## **932 CATHOLIC MORALITY** Jr 1<sup>st</sup> Sem – ½ credit

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. Several areas of moral concern to youth in the 21<sup>st</sup> Century, such as, law, life issues, sexuality, etc., will be discussed.

**933 MORAL/SOCIAL ISSUES**

Jr  
2<sup>nd</sup> Sem – ½ credit

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.

**942 LIFESTYLES**

Sr  
1<sup>st</sup> Sem – ½ credit

This semester addresses the most basic question of what is required to live as a Catholic Christian, specific treatment of the negative and positive guidelines given by God to accomplish what is necessary to live a Catholic Christian Vocation.

**943 CATHOLIC BELIEFS**

Sr  
2<sup>nd</sup> Sem – ½ credit

Catholic Beliefs is a systematic and authoritative presentation of the truths of the Catholic Church. It is based on the revelation received from God in the scriptures and early church, and interpreted by the church in its official teachings. The course is filled with faith and inspires the student to respond with faith to the revelation of God's plan of salvation accomplished by Jesus.

**944\* THEOLOGY FOUNDATIONS: DISCOVERY**

SLU ACC- Weighted

Sr  
2<sup>nd</sup> Sem- ½ credit

In response to the mission of this Catholic, Jesuit University, the Theological Foundations course (THA-100) 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.

Students will be introduced to the Hebrew and Christian scriptures with an emphasis on important texts and theological issues. Students will explore how historical and literary criticism help in understanding fundamental theological concepts such as God, revelation, faith, creation, covenant, and salvation history. In post-biblical developments students will study the early experience of Christians, especially as they learned to articulate their faith in Christ and thereby developed their understanding of the triune God.

Students will be challenged to acquire the targeted 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 human condition.

See pp. viii of this GUIDE for additional information for this course.

**THE NEXT THREE COURSES ARE OFFERED ONLY TO STUDENTS WHO WISH TO TAKE AN ELECTIVE IN ADDITION TO THEIR OTHER REQUIRED THEOLOGY COURSES.**

**927 MAJOR WORLD RELIGIONS**

Sr (Elective)  
Sem-1/2 credit

This 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 or worship of these religions.

**952 CHRISTIAN PRAYER**

Jr,Sr (Elective)  
Sem – ½ credit

Many young people today 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.

**966 DEATH AND THE CHRISTIAN**

Sr (Elective)  
Sem – ½ credit

This 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.

## **WORLD LANGUAGE**

**212 FRENCH 1**

Fr,So,Jr  
Year – 1 credit

Prerequisite: For Freshmen, average test scores in Language Arts and verbal ability

This course provides an introduction to the French language and to the culture of the French-speaking world. It emphasizes the four language skills of listening comprehension, speaking, writing, and reading. Some cultural concepts include lessons on the geography of France, the city of Paris, daily life in France, and holiday customs.

**213\* HONORS FRENCH 1**

Fr,So,Jr  
Weighted  
Year – 1 credit

Prerequisite: For Freshmen, superior test scores in language arts and verbal ability

This course is similar to 212, however, the pace of the course is more rapid. The course is for students of above average ability. In this course, students will be expected to reach higher levels

of proficiency in the four language skills of reading, writing, listening, and speaking. In addition to the textbook, the students will use supplementary materials from time to time and be expected to do reports connected with material in the textbook. The cultural concepts covered will be the same as in the French 1 course.

**222 FRENCH 2**

Fr,So,Jr,Sr  
Year – 1 credit

Prerequisite: French 1; signature of French teacher

This course provides students with an intensive review of Level One material and exposes them to more advanced grammar needed as a tool to read, write, speak and understand French. French culture and French influence in other parts of the world are also emphasized.

**223\* HONORS FRENCH 2**

Weighted

Fr,So,Jr,Sr  
Year – 1 credit

Prerequisite: French 1: signature of French teacher

This course is similar to 222. It is aimed at the above average student, and the pace is more accelerated than in 222. The students in this course will be expected to attain higher levels of proficiency in all four-language skills. The students in this course will also be using supplementary materials and will be asked to do extra reports in conjunction with the cultural items contained in the text.

**224\* HONORS FRENCH 3**

(UMSL)

ACC-Weighted

So,Jr,Sr  
Year – 1 credit

Prerequisite: French 1, 2: Signature of French teacher; 3.0 cumulative GPA for ACC

In this course, an Advanced College Course through the University of Missouri – St. Louis, students review grammatical and cultural concepts learned in French 1 & 2. In addition to this, there is a new emphasis on conversation, creative writing, listening comprehension, and oral reports. Students are introduced to French literature and culture is more strongly emphasized. Students may obtain five college credits for the one-year program.

See pp. viii of this GUIDE for additional information for this course.

**234\* HONORS FRENCH 4**

(UMSL)

ACC-Weighted

Jr,Sr  
Year – 1 credit

Prerequisite: French 1, 2, 3; Signature of French teacher; 3.0 cumulative GPA for ACC

This course is an overview of French civilization, both past and present, and will provide students with a better understanding of the culture they have been exposed to in their previous French courses. Each chapter of the text consists of history, literature, grammar and art that correspond to a particular time in history. Students will review previously learned grammar concepts, while learning more complex structures. The literature selections (prose, poetry and/or drama) will help strengthen the students' vocabulary and comprehension. Students may obtain 5 ACC credit hours for the yearlong course.

See pp. viii of this GUIDE for additional information for this course.

**235\* HONORS FRENCH 5**

Sr

(UMSL)

ACC-Weighted

Prerequisite: French 1, 2, 3,4; Signature of French teacher

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 3 ACC credit hours for the yearlong course.

See pp. viii of this GUIDE for additional information for this course.

**272 SPANISH 1**

Fr,So,Jr

Year – 1 credit

Prerequisite: For Freshmen, average test scores in language arts and verbal ability

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.

**273\* HONORS SPANISH 1**

Fr,So,Jr

Weighted

Year – 1 credit

Prerequisite: For Freshmen, superior test scores in language arts and verbal ability

This course is very similar to Spanish 272, but is presented at an accelerated pace. The student who takes this course must be willing to do additional work. A higher percentage of the course work will be presented in Spanish. This course is primarily for the above average or hard working student. Previous study of Spanish is not necessary.

**282 SPANISH 2**

Fr,So,Jr,Sr

Year – 1 credit

Prerequisite: Spanish 1; signature of Spanish teacher

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.

**283\* HONORS SPANISH 2**

Fr,So,Jr,Sr

Weighted

Year – 1 credit

Prerequisite: Spanish 1; signature of the Spanish teacher

This is an advanced course in Spanish expanding the work done in Spanish 1, but placing more emphasis on vocabulary, grammar, and speaking. The student will continue to study the culture of the Spanish-speaking world. Additional work will be required of students taking this advanced course.

**284 SPANISH 3**So,Jr,Sr  
Year – 1 credit

Prerequisite: Spanish 1, 2; signature of Spanish teacher

In this course students review grammatical and cultural concepts learned in Spanish 1 and 2, and concentrate on new grammar and additional concepts. In addition, more emphasis is placed on conversational and listening skills.

**285\* HONORS SPANISH 3**(UMSL-SPANISH 001) ACC-Weighted So,Jr,Sr  
Year – 1 credit

Prerequisite: Spanish 1, 2; signature of Spanish teacher; 3.0 cumulative GPA for ACC

In this Advanced College Credit course through the University of Missouri – St. Louis, students concentrate on advanced grammatical and cultural concepts. In addition to further development of conversation and listening skills, greater emphasis is placed on reading and writing skills: Students who take this course must be self-motivated and able to work independently. Students may obtain 5 hours of ACC credit for the one-year course.

See p. viii of this Course Selection Guide for additional information for this course.**293 SPANISH 4**Jr,Sr  
Year – 1 credit

Prerequisite: Spanish 1, 2, 3; signature of Spanish teacher

In this course students will review grammar concepts learned in previous courses. Reading skills will be further developed as students read from a variety of sources: supplementary readers, periodicals, and selected newspapers articles. Writing skills will be practiced by means of short compositions and journal writing. Listening and speaking skills will be practiced to increase students' fluency.

**294\* HONORS SPANISH 4**(UMSL-SPANISH 002) ACC-Weighted Jr,Sr  
Year – 1 credit

Prerequisite: Spanish 1, 2, Honors Spanish 3; signature of Spanish teacher; 3.0 cumulative GPA for ACC

This course may be taken as an Advanced College Credit Course through the University of Missouri – St. Louis. It centers on refining speaking and writing skills through reading, composition and aural/oral lessons. The student who takes this course must be self-motivated and able to work independently and in groups. Students may obtain 5 hours of ACC credit for the one-year course.

See pp. viii of this GUIDE for additional information for this course.**295\* HONORS SPANISH 5**(UMSL-SPANISH 101) ACC-Weighted Sr  
Year – 1 credit

Prerequisite: Spanish 1, 2 and Honors Spanish 3 and 4; signature of Spanish teacher; 3.0 cumulative GPA for ACC

In this course, to be taught entirely in Spanish, students will develop an advanced level of reading and writing skills. Reading selections will 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 3 hours of ACC credit for the yearlong course.

See p. viii of this Course Selection Guide for additional information for this course.