

Burlington Notre Dame course Guide



Burlington Notre Dame Junior & Senior High School

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2023-2024

NOTRE DAME MIDDLE & HIGH SCHOOL

INTRODUCTION

This course guide lists the courses offered at Notre Dame Middle and High School. All high school students will be able to pick electives, core courses are set by the Registrar. Take time to read through the descriptions before making your selections for next year. Talk to your parents, teachers, and the registrar about the best courses for your particular needs. When making your selections, keep in mind the graduation requirements and the area of study/work you will be pursuing in the future. **Please note:** (for upper level grades) Pursuant to the authority of Iowa Code section 256.7(5), the State Board of Education hereby proposes to rescind present Chapter 22, —Postsecondary Enrollment Options, Iowa Administrative Code, and replace it in the Iowa Administrative Code with new Chapter 22, —**Senior Year Plus**.

2008 Iowa Acts, Chapter 1181, sections 44 through 66, created a new chapter in the Iowa Code, Chapter 261E, —**Senior Year Plus**. The **Senior Year Plus** program established in legislation provides Iowa high school students with increased access to advanced placement coursework and postsecondary credit. The variety of means for the latter include postsecondary enrollment options, concurrent enrollment in community college courses for both secondary and postsecondary credit, career academies, and courses delivered via the ICN or Internet. *"no student shall be enrolled as a full-time student in any one postsecondary institution"*. The definition of full-time student at a community college would be 12 credits.

If Notre Dame students wish to take SCC classes, forms need to be filled out in the Registrar's office. All Iowa residents can qualify to take classes at SCC; if the class is not offered at Notre Dame or BHS and fits into their Notre Dame schedule. The district does not pay for books, but if a student takes an online class (PSEO), the books are covered in the fee paid for that class.

Use the worksheet to mark off the graduation requirements you have already met and to list your course selections for the next year. Please choose your courses carefully. Schedule changes requested later are time consuming and not always possible. If a schedule **MUST** be changed each student must complete a "change of schedule request" form (during the first seven school days of a semester), including parent and teacher signatures, and submit it to the guidance office. Since all students are required to take a minimum of seven classes, any dropped class must be replaced with another course.

GRADUATION REQUIREMENTS

To graduate from Notre Dame High School, a student must complete .5 credit in Religion for every semester in attendance, plus 22 credits in other area as indicated below. A total of **26 credits*** are required for graduation.

Credit requirements in particular subject areas are as follows:

Religion	4 credits
English	4 credits
Social Studies (to include Government & Economics)	4 credits
Math	3 credits
Science	3 credits
Physical Education	2 credits (1 semester per year)
Health	.5 credit

The remaining credits are to be selected from electives.

* (H) = Honors Class, (AP) = Advanced Placement, graded on a weighted scale.

* A credit is obtained for every class which meets every day for the entire year. A semester class (or a class meeting on alternating days for the entire year) earns .5 credits.

Art Department

COURSE DESCRIPTIONS

ART DEPARTMENT

(All art classes may be taken everyday for a semester or a year at .5 credits per semester. Art classes may also be taken on an every other day basis for a semester or a year at .25 credits per semester)

REQUIRED

ART 6: (For all 6th graders; taken every other day for one semester) Elements of Design

ART 7: (For all 7th graders; taken every other day for one semester) Elements of Design

ART 8: (For all 8th graders; taken every other day for one semester) Principles of Design.

ELECTIVES

ART I: (First time art high school students, grades 9-12) The focus of this class will be creating projects using the elements and principles of design learned in 7th and 8th grade (2A) art. Students will work on projects in drawing, painting, craft, and mixed media.

ART II: (Prerequisite Art I and teacher approval) The focus of Art II will expand on concepts and ideas from Art I. This class will have a multi-cultural flair. Art will be explored and created from around the world.

ART III: (Prerequisite Art II –and teacher approval) This class will continue to expand upon the elements and principals of design, allowing students the opportunity to excel in more challenging works of art. This class will also look at the works of the Masters and explore how students can apply age-old techniques, in new ways, to their personal artwork.

ART IV STUDIO: (Prerequisite Art 1, Art II, Art III, and teacher approval) INDEPENDENT STUDY
Students will explore one or more mediums during the semester to further their technical understanding of the materials and increase their proficiency. Students are encouraged to choose what appeals to them most, by creating their own projects under the guidance of the teacher.

Business

BUSINESS DEPARTMENT

REQUIRED

7th Grade Learning Profile/Life Skills: (7th Grade, 1 semester, .5 credits) Financial Literacy This course is a part of Iowa e-Learning Central (ILC), an online exchange for Iowa educators, students, and families that houses high-quality courses and units, supports content creation and collaboration, and expands statewide access to Iowa Standards-aligned courses and units across all grade levels. All content in ILC is developed by Iowa-licensed educators, in collaboration with the Iowa Department of Education[Links to an external site.](#) (Department) and Iowa State University's Center for Technology in Learning and Teaching[Links to an external site.](#), for use online and in the classroom. Refer to the Iowa e-Learning Central fact sheet[Links to an external site.](#) for more information.

8th Grade Learning Profile/Intro to Business (8th grade, 1 semester, .5 credits)

This course introduces students to the basic fundamentals of operating a business.

ELECTIVES

Intro to Business: (Grades 9-12, 2 semesters, 1 credit) covers the scope and sequence of most introductory business courses. The book provides detailed explanations in the context of core themes such as customer satisfaction, ethics, entrepreneurship, global business, and managing change. Introduction to Business includes hundreds of current business examples from a range of industries and geographic locations, which feature a variety of individuals. The outcome is a balanced approach to the theory and application of business concepts, with attention to the knowledge and skills necessary for student success in this course and beyond.

Business Management: (Grades 9-12, 2 semesters, 1 credit) is designed to meet the scope and sequence requirements of the introductory course on management. This is a traditional approach to management using the leading, planning, organizing, and controlling approach. Management is a broad business discipline, and the Principles of Management course covers many management areas such as human resource management and strategic management, as well as behavioral areas such as motivation. No one individual can be an expert in all areas of management, so an additional benefit of this text is that specialists in a variety of areas have authored individual chapters.

Business Law and Ethics: (Grades 10-12, 2 semesters, 1 credit) is designed to meet the scope and sequence requirements of the single-semester business ethics course. This title includes innovative features designed to enhance student learning, including case studies, application scenarios, and links to video interviews with executives, all of which help instill in students a sense of ethical awareness and responsibility.

Business Finance: (Grades 10-12, 2 semesters, 1 credit) Designed to meet the scope and sequence of your course, *Principles of Finance* provides a strong foundation in financial applications using an innovative use-case approach to explore their role in business decision-making. An array of financial calculator and downloadable Microsoft Excel data exercises also engage students in experiential learning throughout. With flexible integration of technical instruction and data, this title prepares students for current practice and continual evolution.

Entrepreneurship: (Grades 10-12, 2 semesters, 1 credit)_This textbook is intended for use in introductory Entrepreneurship classes at the undergraduate level. Due to the wide range of audiences and course approaches, the book is designed to be as flexible as possible. Theoretical and practical aspects are presented in a balanced manner, and specific components such as the business plan are provided in multiple formats. *Entrepreneurship* aims to drive students toward active participation in entrepreneurial roles, and exposes them to a wide range of companies and scenarios.

Personal Finance: (Grades 9-12, 2 semesters, a/b, .5 credit)_ Course teaches students how to manage money, personal finances, how to become debt free, pay cash for college, pay cash for automobiles, and how to improve their net worth.

Intro to Computers: (Grades 9-12, 2 semesters, a/b, .5 credit) *Workplace Software and Skills* is designed to flexibly support a range of courses covering computer literacy, Microsoft Office, and Google Suite applications. The textbook covers both hard and soft skills that are applicable to a broad range of academic majors and careers. Chapters combine studio learning and guided practice with scaffolded activities designed to reinforce a student's ability to perform higher-order tasks independently. *Workplace Software and Skills* leverages complementary product features in spreadsheet, word processing, presentation, and similar applications. Modules are designed for maximum flexibility by including both Microsoft Office Suite and Google Suite applications, in order to best reflect the skills needed for today's workforce. Authentic activities and real-world contexts develop a cumulative and thorough understanding, which reinforces the importance of cross-platform proficiency. Highly visible features also note Apple/Mac functions as needed

English

ENGLISH DEPARTMENT

REQUIRED

ENGLISH LANGUAGE ARTS 6: (Grade 6; 2 semesters)

Sentence structure, parts of speech, and essay construction are emphasized in LA6. A number of projects are assigned as students work to increase vocabulary and research skills. Grammar and punctuation review are important components of the class as students expand their knowledge of Standard English

READING/LITERATURE 6: (Grade 6; 2 semesters, 1 credit)

Reading/Literature class is designed to help students development an enjoyment of reading as well as skills needed to comprehend both fiction and non-fiction materials. Within the classroom, students will read poetry, short stories, articles, and award-winning literature appropriate for this age level with a focus on the use of Active Reading Strategies and Reading For Understanding tools to comprehend fiction, non-fiction, and informational text. In addition, students are required to read independently and create projects based on their independent reading. Reading skills, standards, and vocabulary are emphasized.

ENGLISH LANGUAGE ARTS 7: (Grade 7; 2 semesters)

This course was revised to comply with the Iowa Core Curriculum. Third person formal writing is stressed. Short stories, poetry, drama, standardized test prep, vocabulary acquisition, and a review of Standard English usage/grammar are also part of the course.

READING/LITERATURE 7: (Grade 7; 2 semesters, 1 credit)

Reading/Literature class is designed to help students development an enjoyment of reading as well as skills needed to comprehend both fiction and non-fiction materials. Within the classroom, students will read poetry, short stories, articles, and award-winning literature appropriate for this age level with a focus on the use of Active Reading Strategies and Reading For Understanding tools to comprehend fiction, non-fiction, and informational text. In addition, students are required to read independently and create projects based on their independent reading. Reading skills, standards, and vocabulary are emphasized.

ENGLISH LANGUAGE ARTS 8: (Grade 8; 2 semesters, 1 credit)

In this year-long course, students study a general language arts curriculum with a stong focus on writing and the writing process. Students will maintain a daily writing journal. Students will write essays in a formal third-person voice. Emphasis will be given to paraphrasing, citing sources, and providing textual evidence to support arguments and claims. Additional writings may include poetry, descriptive writing, narratives, and other various writing projects. The culminating project is a research paper.

LITERATURE 8: (Grade 8; 1 semester, .5 credit)

Award-winning literature in the form of poetry, short stories, novellas, and novels are read in this course that provide a base for discussion and writing review. Students are required to read independently and give presentations about the books they read.

ENGLISH 9: (Grade 9; 2 semesters, 1 credit)

In this year-long course, students study a general language arts curriculum. Literature in the form of poetry, short stories, novellas, novels, drama, and essays form the core of the freshman year of English providing a base for discussion and writing. A review of writing mechanics is also included along with a focus on expanding vocabulary.

ENGLISH 10: (Grade 10; 2 semesters, 1 credit)

This course is designed to improve the student's ability in spoken expression. The student will study communication theory, speech composition, and audience analysis. The student will develop performance skills in expository, informative, persuasive and occasional speaking. Utilization of impromptu and extemporaneous speeches will sharpen listening and organizational skills; utilization of the library will improve reference skills. Second semester: This course is designed to improve basic writing skills. The student will learn to organize ideas into grammatically correct sentences, paragraphs or other acceptable thought patterns, utilize the "process of writing" (pre-writing, writing, and post-writing skills), review problematic areas of mechanical skills and read and study writing style of selected British or American authors.

AMERICAN LITERATURE: (Grade 11; 2 semesters, 1 credit -maybe taken as a AP course)

This course will trace American Literature from the early Colonial America to the contemporary writers. Included is the study of American short stories, novels, poems, and plays.

SENIOR ENGLISH: (Grade 12; 2 semesters, 1 credit)

A combination of essay research and world literature, this course is designed to prepare seniors for both written assignments and literary interpretation projects they will encounter in college. Compositions include both analytical and persuasive essays along with a major research paper. An overview of world literature will be covered, featuring representative works of Chaucer, Shakespeare, major British poets, and prominent short story writers and novelists.

ELECTIVES

CREATIVE WRITING I: (Grades 9-12; 1 semester, .5 credit OR 2 semesters 1 credit)

Students will maintain a creative writing journal throughout the course along with completing writing projects as assigned. A portfolio of the student's writing will be created each semester. Emphasis on the use of descriptive writing, poetic devices (including figurative language), and poetry take place during the first semester. Emphasis during the second semester will be on the use of writing devices, figurative language, plot, and characterization in story writing. Other creative writing opportunities may arise. Students are encouraged to enter writing contests. Independent study opportunities are available for this course.

CREATIVE WRITING II: (Grades 11-12; 1 semester, .5 credit OR 2 semesters 1 credit)

This course is a continuation of the Creative Writing 1 course. Students will maintain a creative writing journal throughout the course along with completing writing projects as assigned. A portfolio of the student's writing will be created each semester. During the first semester, emphasis is placed on the use of descriptive writing and poetic devices as students create original works of poetry. Emphasis during the second semester will be on the use of writing devices, figurative language, plot, and characterization in story writing. Other creative writing opportunities may arise, including captioning and labeling for the yearbook. Students will be encouraged to enter writing contests. Independent study opportunities are available for this course.

JOURNALISM: (Grades 10-12; 1 semester, .5 credit OR 2 semesters 1 credit)

This course introduces students to the techniques of news writing, feature, and editorial writing.

MEDIA/YEARBOOK: (Grades 11-12; 1 semester, .5 credit OR 2 semesters 1 credit) **INDEPENDENT STUDY**

Students will learn 21st Century Skills as they work together to produce the school's yearbook.

NOVELS/ LIT OF THEME: (Grade 9-12; 1 semester, .5 credit) INDEPENDENT STUDY

The students will read literature recommended for college-prep students, write papers and give presentation based on the novels, and read what critics have to say. In addition, students will select independent reading material and study trends in the popular market.

DRAMA: (Grades 10-12; 1 semester, .5 credit)

This course explores the history of the theater. Students read, study, and view selections from the world of drama from classical times until the 21st century, with a focus on Greek, British, and American works. They learn about performances, production techniques, and preparation for oratorical competition.

AP AMERICAN LITERATURE (Grade 11, 2 semesters, 1 credit)

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. Summer reading is required.

Prerequisite: Teacher Recommendation

AP ENGLISH 12: (Grade 12, 2 semesters, 1 credit)

The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. Summer reading is required.

Spanish Electives

SPANISH DEPARTMENT

(Spanish is currently facilitated via Imagine Learning online platform. Spanish is not a required course.)

ELECTIVES

SPANISH 1 (Grades 9-12; 2 semesters, 1 credit)

This course is an introduction to grammar, conversation and writing in the Spanish language.

SPANISH 2 (Grades 10-12; 2 semesters, 1 credit)

This course is a continuation of grammar study with an additional emphasis on conversation and composition.

SPANISH 3 (Grades 11-12; 2 semesters, 1 credit)

This course is a continuation of grammar study with a strong emphasis on conversation.

SPANISH 4 (Grade 12; 2 semesters, 1 credit)

This course is a literature class with major emphasis on reading, conversation and composition. There will also be a review of grammar.

Mathematics

MATHEMATICS DEPARTMENT

REQUIRED

MATH 6: (Grade 6; 2 semesters)

Students work with whole number, fraction, decimal, and integer operations. Time is spent studying geometry, data analysis, and probability. The use of variables is introduced. Problem solving is emphasized throughout the course.

MATH 7: (Grade 7; 2 semesters)

This course discusses the topics of decimals, fractions, percent, proportions, geometry, data analysis, and probability. Integers, algebra, and graphing in the coordinate plane are also introduced. Problem solving is emphasized throughout the course.

PRE-ALGEBRA: (Grade 8; 2 semesters, 1 credit)

This course prepares students for Algebra 1. Integer, fraction, and decimal operations are reviewed. Geometry, probability, proportions, and data analysis are also covered. Students solve multi-step equations and inequalities and graph in the coordinate plane. Problem solving is emphasized throughout the course.

ALGEBRA 1 : (Grades 8-9-10; 2 semesters, 1 credit for 9th & 10th) Prerequisite Pre-Algebra

This course concentrates on the basics of algebra: variable expressions, linear and Quadratic functions and their graphs, factoring, linear equations and inequalities. More advanced topics such as polynomials and systems of equations are also studied.

GEOMETRY: (Grades 9-10-11-12; 2 semesters, 1 credit)

(Prerequisite: Algebra 1)

This course covers proofs, constructions, lines, planes, three dimensional objects, polygons, triangles, circles, area, volume, and congruency and similarity relationships. Transformations are also introduced to show the relationship between algebra and geometry.

ALGEBRA 2 : (Grades 10-12; 2 semesters, 1 credit)

(Prerequisite: C or better in Algebra 1 or teacher approval)

This course reviews Algebra I topics and then moves into study of irrational and complex numbers, quadratic equations, and the conic sections. Trigonometry, exponential and logarithmic functions, series and sequences are also introduced.

MATH ANALYSIS : (Grades 11-12; 2 semesters, 1 credit)

(Prerequisite: C or better in Geometry and Algebra 2 or teacher approval)

This course integrates Geometry and Algebra 2. Because of this, both are prerequisites. Polynomial equations and inequalities, functions, linear programming, math modeling, matrices and conic sections are studied in the first semester. Exponential and logarithmic functions, trigonometry, trigonometric identities, sequences and series, and vectors are covered in the second semester.

CALCULUS; (Grade 12; 2 semesters, 1 credit) **(This is an honors class)**
(Prerequisites: C or better in Math Analysis and teacher approval)

This course concentrates on differential and integral calculus and the various applications of them to real situations. The graphing of advanced polynomial equations is also covered. This course is designed for college-bound students that wish to pursue a career in mathematics, engineering, medicine, or any other mathematical related field.

Music

MUSIC DEPARTMENT

REQUIRED

6TH GRADE GENERAL MUSIC: (Grade 6, 2 semesters, 1 credit)

(106) General music includes singing and playing instruments. Emphasis is on developing vocal technique and music reading skills. Students to perform in all sixth grade vocal concerts.

ELECTIVES

6TH GRADE BAND: (Grade 6, 2 semesters)

MIDDLE SCHOOL CHOIR (Grades 7 and 8, 2 semesters, a/b, .5 credits)

Prerequisite- none

This organization is the entry level choir for both male and female students interested in vocal performance. It is also an outlet for the student who enjoys singing for his/her pleasure. The following musical skills for ensemble singing will be stressed: Proper breathing, pleasant vocal production, blend and balance, expansion of range, good intonation, ear training, sight reading. Various styles of choral literature will be explored. The 7th and 8th grade chorus also performs a musical production every other year. Out of school rehearsals, performances, and activities are part of the course grade. These performances are integral elements that support and extend learning in the classroom. Private lessons are encouraged for all members.

HIGH SCHOOL CHORUS: (Grades 9-12; 2 semesters, .5credit; class meets on A days only) (Prerequisite: teacher approval) Emphasis is on techniques of singing, literature, and social skills associated with working within the group. Voice lessons are offered, and expected, for all singers who come from classes in small groups. The choir presents a Fall Concert, Christmas Concert and Spring Concert in addition to participation in Jazz Night. An annual musical is also presented. Any singer in the choir may participate in the musical. State contests are also frequently on the yearly program.

MIDDLE SCHOOL BAND: (Grades 7-8; 2 semesters)

Students are required to attend lessons with the instructor and perform at the many school related functions.

HIGH SCHOOL BAND: (Grades 7-12; 2 semesters, .5 credit; class meets on B days only (Prerequisite: director approval)

Students enrolled in Concert Band will study the music of the Baroque, Classical, Romantic and Twentieth Century. Students will also study the history and theory of music as it relates to performance. Students are required to attend lessons with the instructor and perform at many functions. Some of the required performances are: concerts, contests, parades and other director planned activities. Students will also be given an opportunity to audition for All-State and attend various honor bands during the year.

Jazz Choir: (Grades 9-12; 2 semesters, .5 credit; class meets on A days only) Electric Blue Jazz Choir is a performing ensemble that learns and performs literature of the following genres: Jazz, Swing, Pop, and Broadway. Electric Blue/Notre Dame Singers regularly perform for concerts, Community and sporting events throughout the year. Students participating must be able to read music as well as have good listening skills. Students will learn techniques of Vocal Jazz with emphasis on vocal independence. They will also learn microphone usage and improvised movement. Rehearsal/Class will meet every "A" day from 7:15-8:00 a.m. and during one activity period a week.

Physical Education and Health

PHYSICAL EDUCATION DEPARTMENT

REQUIRED

PHYSICAL EDUCATION

(Grades 6-12; 2 semesters, taken every other day; required each year;.5 credits per year for grades 9-12)

This class is designed to teach the student to understand the theory as well as the practice of team and individual sports, and personal health. Students are helped to develop physically, reach and maintain certain degrees of physical fitness, and develop an interest in lifetime carry-out sports.

HEALTH 1

(Grade 10; 2 semesters, taken every other day; .5 credits for the year)

Health course 1 covers topics that may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/ alcohol abuse prevention, disease prevention, first aid and consumer health issues. The courses may also include brief studies of environmental health, personal development, and/or community resources.

ELECTIVE

HEALTH2

(2 semesters, taken every other day; .5 credits for the year)

Health and fitness courses combine the topics of Health Education course (nutrition, stress management, physical activity, lifestyle). Exploring future skills and tools with the intent to learn life-long wellness habits for a healthy and active lifestyle in the future.

Must complete Health 1

EXTRACURRICULARS

Notre Dame High School also provides the following sports in addition to the regular Physical Education program:

	<u>BOYS</u>	<u>GIRLS</u>
Fall	Football (WBND) Cross Country	Volleyball Cross Country Swimming (BHS)
Winter	Wrestling Basketball Bowling (WBND) Swimming (BHS)	Basketball Wrestling Bowling (WBND) Dance (WBND)
Spring	Soccer Golf Track & Field (WBND) Tennis Trap (WBND)	Cheer Soccer Golf Tennis Track & Field Trap (WBND)
Summer	Baseball	Softball

Some teams may practice at other locations

Religion

RELIGIOUS EDUCATION DEPARTMENT

Religious foundation courses, liturgy and prayer experiences in grades 6-12 are basic to the development of personal faith and conviction. Religion courses include various aspects particular to Catholic Christianity, its history, tradition, structure, and beliefs.

REQUIRED

Religion 6 - (6th Grade, 2 semesters, 1 credit)

Old Testament focus (Salvation History) ; Liturgical Seasons; Rosary; Pilgrimage/Retreat to Burlington churches - Rosary focus; Church's sacred music and composers

Religion 7 - (7th Grade, 2 semesters, 1 credit)

Continuation of Salvation History through the Old Testament, and into the New Testament. Also includes the study of the Mass, along with the liturgical seasons, Saints, and The Rosary. Pilgrimage to the Shrine of St Patrick in St Patrick, Missouri.

Religion 8 - (8th Grade, 2 semesters, 1 credit)

(Semester 1) Focus on the Teachings of the Catholic Faith, What We Believe. (Semester 2) Theology of the Body for Middle School; Continued study of the Mass, Saints, The Rosary. Pilgrimage/Retreat - focus on Virtues

Religion 9 - (9th Grade, 2 semesters, 1 credit)

Focus on Confirmation studies/Confirmation Saints/Holy Spirit; Rosary; Canonization process; Liturgical Seasons; Rosary/Ven Fulton Sheen Pilgrimage to Peoria; Chrism Mass; Latin

Religion 10 - (10th Grade, 2 semesters, 1 credit)

Focus on Salvation History leading up to the Incarnation, Paschal Mystery, the origin of the Church and the continuation of the mission of Jesus Christ. Also focus on each liturgical season and the Rosary. Ven Augustus Tolton/Quincy, Illinois Pilgrimage

Religion 11 - (11th Grade, 2 semesters, 1 credit)

Catholic Social Teaching (utilization of the DOCAT); Virtues; War Doctrine/Refugee Project - focus on Human Dignity; Sacraments; portrayal of the Christmas Story; Liturgical seasons; Pilgrimage to St Donatus and St Frances Xavier

Religion 12- (12th Grade, 2 semesters, 1 credit) Salvation through Christ and how we respond; Theology of the Body; Marian Apparitions; Liturgical seasons; Pilgrimage to Our Lady of Champion and Holy Hill; Catholic artwork.

Science

SCIENCE DEPARTMENT

REQUIRED

SCIENCE 6: (Grade 6; 2 semesters)

Course covers a wide range of science concepts in Earth Science, Life Science and Physical Science. The course is designed to give students a strong base for all science disciplines.

SCIENCE 7: (Grade 7; 2 semesters)

This course is a basic introduction to life science. It is designed to prepare students for taking biology in high school.

SCIENCE 8: (Grade 8; 2 semesters)

This course covers the natural process that occurs on earth. Topics will include; rocks and minerals, water cycle, fossil fuels, weather and our solar system.

PHYSICAL SCIENCE: (Grade 9; 2 semesters, 1 credit)

This course covers basic principles of chemistry and physics encountered in everyday life. Experiments reinforce classroom work.

BIOLOGY: (Grades 10; 2 semesters, 1 credit)

This is a basic course designed to help the student understand and appreciate the living world and him/herself better. It is an important course for anyone going to college and needed for anyone interested in a health career.

STUDENTS ARE REQUIRED TO TAKE AN ADDITIONAL 1 CREDIT IN SCIENCE. THEY MAY CHOOSE THIS CREDIT FROM ANY OF THE ELECTIVES LISTED BELOW.

ELECTIVES

CHEMISTRY: (Grade 11-12; 2 semesters, 1 credit) (This is an honors class and IWU offers an early bird College credit class) (Prerequisite: **At least a B in Biology and a B or better in Algebra is required**)

This is a basic chemistry course, important for anyone considering a science related career and providing a broad background for the well educated student.

ENVIRONMENTAL SCIENCE: (Grades 11-12, 2 semesters, 1 credit)

This is an interdisciplinary course designed for students who desire an understanding of chemical concepts and applications but who do not plan to pursue science based careers. The environmentally-based chemistry topics include water and air quality monitoring, prudent use of non-renewable resources including petroleum based resources, renewable fuels, and nuclear energy.

ANATOMY: (Grades 11-12; 2 semesters, 1 credit) (This is an honors class)

Prerequisite: B in Biology or the approval of the science teacher)

This course is an in depth study of the human body systems. This is an excellent preparation for those interested in a health-related career or physical education.

PHYSICS: (Grades 11-12; 2 semesters, 1 credit) (This is an honors class)

(Prerequisites: **B or higher in Chemistry and a B or better in Pre Calculus or dual enrollment in Pre Calculus/Calculus with Physics**)

This course covers areas of mechanics, gravity, motion, optics, magnetism, electricity and other current areas. It is an important basic course for those pursuing a science related career.

Social Studies

SOCIAL STUDIES DEPARTMENT

REQUIRED

6th Grade Social Studies (Grade 6; 2 semesters)

This course will examine the entity known as the American Federal Government. Students will begin by understanding the importance of civics and through the duration of the class, many distinct aspects of American Government will be dissected. Time will be spent discussing presidential elections, the state and local elections as well as a comprehensive look at the three different branches of the federal government and the state government of Iowa.

7th Grade Social Studies: (Grade 7; 2 semesters)

World Geography gives the students a comprehensive look into the geographic features, climate, and cultures of the different regions of the planet.

We will look at the formation of the continents and the people who live there and how the physical features affect their lives.

8th Grade Social Studies: (Grade 8; 2 semesters)

Students focus on the history of the United States, from the first inhabitants of the United States through the time leading up to the Civil War. Topics include the American founding, colonization, fight for independence, and establishment of democratic principles. Students will analyze the powers and civic responsibilities of citizens and examine the origins, functions, and structure of the U.S. government. As a result, students will gain an understanding of historical events and people in early American history, democratic principles, individual rights, and government institutions.

UNITED STATES HISTORY: (Grade 9; 2 semesters, 1 credit)

American History since 1850 is a study of the development of American cultural institutions. The students and the teachers identify the physical and cultural environment of past generations and explore the ways Americans reacted to changes during selected chronological periods. They examine the ideas brought to America by immigrants and the forces which altered those ideas. Throughout the course, they become aware of people's value systems and how conflicts in values resulted in practical compromise.

Major topics include: Failure of the Union: Civil War, Reconstruction; the Gilded Age; Immigration; America as a World power in the Progressive Era, World War I; the Roaring Twenties; the Depression; the New Deal; World War II.

WORLD HISTORY: (Grade 10; 1 semester, .5 credit)

World History studies the development of Western Civilization. Through careful study, the students will be introduced to the study of the past and are encouraged to explore its relevancy to the present. This course will stress the diversity of geographical, political, economic, religious, and social systems. A historical perspective will be provided on major world events and movements. Students will be required to develop knowledge of the contributions of many cultures to the collective wisdom of humankind. Typical major topics : Foundations of Western Civilization-Ancient and Medieval Life; Transitions to Modern Times- Renaissance, Reformation, and Rise of the Nation States; Revolutions and the Rise of Nationalism-French and American Revolutions, Napoleon, and the Industrial Revolution; Wars and Totalitarianism-World War I, the Russian Revolution, Fascist Dictatorships, and World War II; and the World since 1945.No one can hope to understand what is happening in the world today without some knowledge of the history that shaped western society.

MULTICULTURAL PERSPECTIVES: (Grade 10; 1 semester; .5 credit for Notre Dame)

Students will examine the cultures from around the world and how these cultures have influenced the culture of the United States. Studying different cultural points of view will help students reach a new understanding of their own and other cultures and will open themselves up for a multicultural understanding of society. Students will investigate their own family history and how it has shaped who they are today.

PSYCHOLOGY: (Grade 11, 1 semester, .5 credit)

Psychology focuses upon the psychological concepts and their application. Adapted to the needs of the students, several topics will be covered including: human growth and development; learning principles, emotions, and motives; understanding human behavior; learning perceptions, emotions, and motives; disturbance and adjustments; and personality. Evaluation is through participation in class discussion, class work, written assignments, and quizzes/tests.

SOCIOLOGY (Grades 11, 1 semester, .5 credit)

Sociology is a course designed for students who are interested in inquiring about the human condition. The major goals of the course are for students to: learn about the complexities of social life. Typical major topics include: processes of socialization; normative process; group relationships; and prejudice and discrimination.

INTRO TO POLI SCI: (Grade 11; 1 semester; .5 credit for Notre Dame)

This course is a study of American democracy, government, and politics. We examine closely the history, principles, processes and institutions through which our political system functions, as well as the creation and implementation of public policy.

AMERICAN GOVERNMENT: (Grade 12; 1 semester, .5 credit)

The basic content of this course is a study of the American federal, state, county and municipal governmental systems. This study includes considerable emphasis on: the content of the United States Constitution and its 26 amendments; United States political parties with consideration given to the American voter and voting behavior; the three major branches of our government (Legislative, Executive, and Judicial) The course includes study of Iowa government institutions from the state level down to the local city level. Functions of different parts of the Iowa government and parliamentary procedure are discussed. Special activities include mock trials, legislatures, and elections. In addition, research will be completed on some of the landmark Constitutional cases of the Supreme Court.

CONSUMER ECONOMICS: (Grade 12; 1 semester, .5 credit)

Students will study the basic principles of our economic system. Discuss and learn the laws of supply and demand of products. Learn how wages, sources of income, factors of wealth accumulation, and instruments to measure economic activity. The students will study personal finance, investments, stock market, and business planning.

ELECTIVES

CONTEMPORARY U.S. ISSUES (Grades 11 & 12, 1 semester, .5 credit)

Contemporary U.S. Issues studies the political, economic, and social issues facing the United States. The course will focus on current issues, including both state and local issues.

AP US Government & Politics (Grades 11-12, 1 semester, .5 credit) **Honors Class.**

Following the College Board's suggested curriculum designed to parallel college freshman - level U.S. Government courses, the AP Government & Politics course provides an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. political reality.

AP Economics (Grades 11-12, 1 semester, .5 credit) **Honors Class**

Macroeconomics and Microeconomics are designed to give you a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price determination, and also develops your familiarity with economic performance measures, economic growth, and international economics.

EARLY SENIOR DEPARTURE

A student of the Burlington Area Catholic School System may depart from school before his/her graduation date if:

- 1) He/she has fulfilled all graduation requirements.
- 2) He/she has written parental consent.
- 3) He/she has indicated his/her intent in the middle of the junior year during the course selection process for the coming year. Late applications are accepted only if extenuating circumstances merit special consideration.
- 4) He/she has definite employment or further schooling plans. He/she is considered a student of Notre Dame High School until the normal graduation ceremony in May. As such, he/she may participate in all student activities during the second semester that do not require regular attendance in school. He/she is required to pay full tuition and fees prior to graduation.

Final approval for early departure is made by the administration in conjunction with the counselor. If interested, see the counselor for an early departure application form.