



St. Norbert College

First -Year Student
Worksheet

and

Core Curriculum
Course Descriptions
For Courses Offered Fall, 2015

(Please Select and Rank courses)

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FIRST-TIME FIRST-YEAR STUDENTS

All Majors

Name :

Intended Major:

The following Core Curriculum courses are being offered **fall semester, 2015**. Please review Core Curriculum course descriptions in the College catalog (<http://www.snc.edu/academics/docs/catalog2014-16.pdf>) and on the pages that follow. Select/rank courses that you are interested in. This form will help you and your advisor select courses during your summer orientation advisement session.

Core Curriculum

TF – Theological Foundations

_____ THRS 117 –Theological Foundations

PF – Philosophical Foundations

_____ PHIL 120 – Philosophical Foundations in the Study of Human Nature

QR - Quantitative Reasoning

- _____ CSCI 110 – Introduction to Computer Programming
- _____ MATH 123 – Applications of Contemporary Mathematics
- _____ MATH 124 – A Survey of Calculus
- _____ MATH 131 – Calculus and Analytic Geometry I
- _____ MATH 132 – Calculus and Analytic Geometry II
- _____ SSCI 224 – Basic Statistics (sophomore standing recommended)

WI – Writing Intensive

- _____ ENGL 150 – Introduction to Literary Studies
- _____ FREN 305 – Introduction to French Literature and Literary Criticism
- _____ GERM 304 – German Composition
- _____ HONR 101 – Introduction to Honors – reserved for honors program students
- _____ HUMA 100 – Introduction to the Humanities through the Fine Arts
- _____ HUMA/WMGS 110 – Introduction to Women’s and Gender Studies
- _____ PHIL 120 – Philosophical Foundations in the Study of Human Nature (2 sections)
- _____ SOCI 100 – Introduction to Sociology (2 sections)
- _____ THRS 117 –Theological Foundations (2 sections)
- _____ THRS 203 –The Quest for God

SL – Language Competency

- _____ FREN/SPAN 102 – French/ Spanish – Elementary 2
- _____ SPAN 103 – Accelerated Elementary Spanish

BB – Beyond Borders

- _____ HIST 120 – Survey of Middle Eastern History
- _____ HIST 130 – History of Latin America
- _____ INTL/POLI 150 – Introduction to International Studies
- _____ PHIL/THRS 265 –Asian Philosophy and Religion

CI - Catholic Imagination

- _____ HUMA 215 – Sacred Art and Architecture
- _____ THRS 203 –The Quest for God

DD – Difference and Diversity

- _____ AMER/HIST 114 – History of the United States 1
- _____ AMER/THRS 221 – Religion in America
- _____ GEOG 155 – Ethnic Geographies of the United States
- _____ HUMA/WMGS 110 – Introduction to Women’s and Gender Studies
- _____ POLI 232 – American Political Polarization

EI – Expression and Interpretation

- _____ ART 141 – Drawing and Visual Perception
- _____ ENGL 150 – Introduction to Literary Studies
- _____ ENGL 203 – Science Fiction and Fantasy
- _____ FREN 305 – Introduction to French Literature and Literary Criticism
- _____ GERM 304 – German Composition
- _____ HUMA 100 – Introduction to the Humanities through the Fine Arts
- _____ MUSI 150 – Survey of World Musics - required of Music Education majors
- _____ SPAN 301 – Introduction to Spanish and Spanish American Literature I
- _____ THEA 101 – Introduction to Live Performance
- _____ THEA 102 – Creation of Sign and Symbol
- _____ WOLT 210 – Soviet Literature and Culture

IS – Individual and Society

- _____ AMER/POLI 130 – United States Politics and Government
- _____ ECON 101 – Macroeconomics
- _____ ECON 102 - Microeconomics
- _____ EDUC 130 – Educational Psychology – required of all Education majors
- _____ LEAD 200 – Introduction to Leadership Studies
- _____ PSYC 100 – General Psychology
- _____ SOCI 100 – Introduction to Sociology

PN – Physical and Natural World

- _____ CHEM 100 – Applications of Chemistry
- _____ CHEM 105 – General Chemistry 1
- _____ EDUC/GEOL 287 – Integrated Science Methods and Introductory Geology 1
- _____ GEOL 105 – Geology
- _____ GEOL 115 – General Oceanography
- _____ PHYS 111 – Fundamentals of Physics 1
- _____ PHYS 121 – General Physics 1

WT – Western Tradition

- _____ AMER/MUSI 184 – History of American Popular Music
- _____ ART 110 – History of Western Art
- _____ ART 112 – History of Modern Design
- _____ CLAS/ENGL 289 – Special Topics: The Afterlives of Homer
- _____ HIST 112 – Western Civilization 1: Bronze/Renaissance
- _____ HIST 113 – Western Civilization 2: Early/Modern Europe

Major Courses – review the first-year Planning paradigms for your intended major.

http://www.snc.edu/advisement/docs/2014-16/first_year_paradigms.pdf

1. _____
2. _____
3. _____

Note: Please notify your Summer Orientation advisor of any College credits, and Advanced Placement or IB credits.

Some Suggested Minor/Elective Courses

- _____ LEAD 200 – Introduction to Leadership Studies
- _____ PEAC 200 – Introduction to Peace and Justice
- _____ IDIS 100 – College Writing
- _____ MATH 102 – Basic Algebra
- _____ MATH 115 – Pre-Calculus Mathematics
- _____ FREN/GERM/JAPN/LATN/SPAN 101 – Elementary French, German, Japanese, Latin, Spanish
- _____ GREK 111 – Elementary Greek
- _____ Any second Core Curriculum class

Theological Foundations

This area draws upon the centuries' old tradition of intellectual engagement with the elements of Christian faith. Authentic theological study demands critical and systematic analysis that values equally both faith and reason. This analysis requires substantive interaction with a variety of points of view. Courses in this module thoughtfully investigate biblical, historical, theological, and ethical sources that have contributed to the Christian heritage in general and the Catholic tradition in particular.

THRS 117 – Theological Foundations (C-TF)

This course will introduce students to the principal elements of Christian theology, particularly in the Catholic tradition, including biblical studies, historical and systematic theology, and ethics. It will address foundational theological questions, including: What does it mean to study God, and why do we do it? What sources are available for the investigation of God and how do we evaluate these sources? What images and metaphors have been and continue to be used for God? What does belief in God have on ethical behavior and the building of communities?

Philosophical Foundations

This area is inspired, in part, by a principle that has guided our founders, the Norbertines, through the centuries: contemplatio-seeking insights into the challenges facing humanity through deep reflection upon the fundamental questions about reality, knowledge, and action as they have been discussed in the history of thought. Accordingly, this module attempts to capture that enduring Norbertine spirit in a modern liberal arts context, where philosophers explore themes and questions that have occupied human thought throughout the millennia. Because philosophy is inherently a social and practical enterprise that advances through critical dialogue and advocacy, it aims to help people develop the wisdom to live the best lives they can. This module, consisting of one course in philosophy, will explore fundamental topics such as human nature, ethics, the relation of faith and reason, and the meaning of human existence. While recognizing the autonomy of the various intellectual disciplines, this module helps students learn to become careful reflective thinkers and to make insightful and integral connections between various fields of study.

PHIL 120 – Philosophical Foundations in the Study of Human Nature (C-PF)

This course provides a thematic and historical introduction to basic philosophical issues. While the content of different offerings of the course may vary, each class will focus on a selection of primary texts from established figures in the philosophical tradition and involve questions about human nature, the ethical dimension of human experience, the fundamental nature of the world (metaphysics), the role of sensory experience, belief, and reason in the pursuit of truth (epistemology), and of justice. Students will read dialogues of Plato; authors from at least three of the four philosophical epochs (ancient, medieval, modern, and contemporary) and at least one author from the Christian philosophical tradition. Special emphasis will be placed on examining various methods of logical inquiry including Socratic dialectic, deductive and inductive inference, and other forms of philosophical discourse, all with the goal of developing their abilities in written and oral communication with others.

Quantitative Reasoning

Courses in this area will help students understand quantitative methods as both ways of knowing and ways of solving problems. Students will be motivated to develop skills and confidence in quantitative, logical, and algorithmic reasoning through applications and practical problems. As a consequence, students will appreciate both the power and the value of these methods while recognizing their limitations.

CSCI 110 – Introduction to Computer Programming (C-QR)

A lecture and laboratory course which provides an introduction to structured and object-oriented programming using the high level structured language C++. Topics include the role of a stored program, problem definition, algorithm design, coding and testing, and documentation. Applications are taught through classroom examples, laboratory exercises, and programming assignments. Object-oriented programming techniques are introduced and structured programming and top-down design are emphasized throughout the course. Weekly laboratory sessions reinforce programming techniques and the process of program design. Corequisite or prerequisite: MATH 115.

MATH 123 – Applications of Contemporary Mathematics (C-QR)

This course is designed to help students recognize the place of mathematics and mathematical reasoning in society. Students will be given the opportunity to enhance their ability to see the relevance of mathematics behind many current and historical topics and to use mathematical techniques to address those topics. Integrated emphases include: mathematics in society, mathematical history, understanding mathematical information (charts, graphs, data), mathematical modeling. The core topics: mathematics of finance, logic, probability, statistics and counting techniques, graph theory.

MATH 124 – A Survey of Calculus (C-QR)

Intended primarily for business students, this course provides a working knowledge of calculus in one semester. Topics include functions and their graphs, exponential and logarithmic functions, differentiation and applications, integration and applications, and functions of several variables.

MATH 131 – Calculus and Analytic Geometry I (C-QR)

Pre-calculus mathematics will be presumed but reviewed as needed. Topics include limits and continuity of functions; the derivative, its meaning, computation and applications; the definite integral, its meaning, computation and applications; differentiation and integration of logarithmic, exponential and trigonometric functions; and the fundamental theorem of calculus.

MATH 132 - Calculus and Analytic Geometry II (C-QR)

Topics include applications of integration, methods of integration, indeterminate forms and improper integrals, elementary differential equations, and series.

SSCI 224 – Basic Statistics (sophomore standing) (C-QR)

This course focuses on basic statistical concepts and techniques for data analysis in the (non business) social sciences. It considers descriptive statistics, probability, correlation, regression, hypothesis testing, and parametric/nonparametric inferential statistics.

Writing Intensive

ANY COURSE DESIGNATED C-WI, plus the following courses which are always designated as writing intensive:

	ENGL 101 English Composition (available only through College Credit Program)
C-EI	ENGL 150 Introduction to Literary Studies: Themed
C-DD	ENGL 221 The American Short Story
C-EI C-AD	FREN 305 Introduction to French Literature and Literary Criticism
C-EI C-AD	GERM 304 German Composition
	HONR 101 Introduction to Honors
C-EI	HUMA 100 Introduction to the Humanities Through the Fine Arts

Note: Writing Intensive courses may be drawn from any of the Foundations courses (Theological Foundations or Philosophical Foundations) or from any of the General Core Requirements courses at the 100- or 200-level.

HONR 101 - Introduction to Honors (C-WI)

The Honors first-year common course introduces students to the fundamentals of a Catholic, Norbertine, liberal arts education. The focus of the course is on the understanding of the creation, development, and dynamics of communities. We will examine specific communities within our larger Fox River area community (ethnic communities, religious communities, neighborhood communities, agro/industrial communities)> Critical thinking skills and inquiry methods will be used to help determine a topic of interest, identify a problem, create a question, and study an issue. Required "texts" will include scholarly articles, literary works, media, interviews, and field-based explorations. Objectives of the course include an understanding of the Norbertine heritage of the college, an awareness of and appreciation for "different ways of knowing", and increased information literacy and communication skills. (Required course for Honors Program students)

Language Competency

Completion of a language course through the 102 level or above, or by establishing competency by placement test at the 203 level or above. The second language must be one other than the native language of the student and may be in languages not taught at SNC. Placement/Competency Tests will be given at Orientation and at announced times throughout the academic year and can be repeated until the end of a student's 4th semester at SNC.

FREN 102 - Elementary French 2 (C-SL)

Continuation of FREN 101. Prerequisite: FREN 101 - An intensive introduction to practical French with an emphasis placed on the four language skills: understanding, speaking, reading and writing.

SPAN 102 - Elementary Spanish 2 (C-SL)

Continuation of SPAN 101. Prerequisite: SPAN 101 - An intensive introduction to practical Spanish with an emphasis placed on the four language skills: listening, speaking, reading and writing.

SPAN 103 - Accelerated Elementary Spanish (C-SL)

This course consolidates Spanish 101 and 102 into a one-semester accelerated course of study, and is designed for students with prior study at the beginning level. Prerequisite: Spanish 101 or formal placement.

Beyond Borders

This area explores the civilizations and cultures of the world in a variety of contexts, historical or contemporary, either studied in their own right or through the interactions and relationships between them. Courses in this area may cover one or more of the following subjects: culture, geography, history, politics, religion, trade and commerce, but ideally and naturally some combination of these. This area provides learners the opportunity to deepen their understanding of the world's cultural diversity.

HIST 120 – Survey of Middle Eastern History (C-BB)

This course introduces students to the history of the Middle East from the rise of Islam in the 7th century to the aftermath of World War One in the 20th century. Topics include political and economic developments, social and cultural changes, interactions with the West and east Asia, and the spread of ideas.

HIST 130 – History of Latin America (C-BB)

After examining the Native American and Iberian civilizations of the late 15th century, this course will survey the European conquest and colonization of Latin America, the evolution of colonial society, and the reforms and revolutions that led to Latin American independence. The course then traces the history of the major Latin American nations to the present, emphasizing the themes of political development, the role of the military, social justice, and economic development.

INTL/POLI 150 Introduction to International Studies (C-BB)

The objective of this course is to promote an awareness of global interdependence, with its challenges and opportunities. The course is interdisciplinary, examining issues from several relevant and related points of view: political, ecological, cultural, economic, and ethical. The content may vary from semester to semester. Examples of issues the course might examine are: Nationalism versus The Concept of an International Community; U.S. Foreign Policy and Human Rights; Foreign Policy of Communist Countries; Cultural Diversity and International Cooperation.

PHIL/THRS 265 – Asian Philosophy and Religion (C-BB)

A study of the major philosophical and religious traditions of South and East Asia. The course emphasizes the Hindu, Buddhist, and Taoist traditions. The ethical, metaphysical, and epistemological aspects of each major tradition are covered.

Catholic Imagination

This area focuses on the Catholic intellectual tradition and its continuing interactions/dialogue with the world, including art, literature, and science. Courses in this area explore a variety of subject matter, grounded in Catholic theology, such as contributions and manifestations of Catholic sensibility in issues of historical and contemporary significance. Such courses allow students to explore the reciprocal enrichment between the Church and the world as a result of dialogue through the ages, including ways in which the Catholic tradition engages the needs and opportunities of communities and the world.

HUMA 215 – Sacred Art and Architecture (C-CI)

An examination of the art and architecture of sacred environments that reveal, represent, resemble and express basic tenants of Catholic culture and belief. We will survey the important periods of art history and how the Catholic imagination has contributed to the legacy of beauty and belief in world culture. The course will begin with a broad-stroke sketch of art as an essential element in the life of a thriving community. Then we will explore trends and issues in contemporary art and architecture that address, quote and challenge the Catholic imagination.

THRS 203 – The Quest for God (C-CI)

In its most basic sense, theology is talk about God. This course investigates the Christian tradition's quest to speak rightly about God by exploring the historical development of the Trinitarian doctrine as well as engaging contemporary understandings of God. It gives attention to currents of feminist, liberationist, and process models for God as well as concepts of God in a post-modern, religiously plural world. For non-Theology and Religious Studies majors/minors only.

Difference and Diversity

This area cultivates an understanding of the historical and contemporary challenges faced by various groups within the U.S., commonly identified by characteristics such as class, culture, ethnicity, gender, race, and religion. A study of these groups' identities and the voices with which they speak illustrates their contributions to the rich and complex U.S. mosaic. Courses in this area explore how these identities are constructed and how the internal dynamics and external interactions of such groups continue to inform and shape our experience. In turn, these questions challenge students to think critically about commonly held views of equality, justice, citizenship, and identity.

AMER/HIST 114 – History of the United States 1 (C-DD)

This course will trace the political, social, and cultural development of the U.S. from its pre-Columbian origins through the Civil War. From encounters between early colonists and Native Americans, to midwives tending to colonial women, to nineteenth-century laborers adjusting to industrial changes, and finally to the slave trade, this course will pay particular attention to the role of race, class, and gender in shaping society and politics.

AMER/THRS 221 – Religion in America (C-DD)

This course examines the historical development of religious movements in America, both mainstream and peripheral groups, and analyzes the religious perceptions by which Americans have viewed themselves as a nation and culture. The course relies heavily on primary source material, and is designed to encourage students to think critically about their own country's religious culture vis a vis the historical and political events which have shaped it.

GEOG 155 – Ethnic Geographies of the United States (C-DD)

This course provides an overview of the geographic diversity of U.S. populations. Native Americans, African Americans, Hispanics, and Asians will be features in our discussion of the complexity and patterns of ethnic groups in the United States. Topics will include demographics of these groups, their migration histories, their spatial distributions, and the cultural landscapes they create. Case studies of ethnic groups from various places and regions, including Wisconsin, will be examined via text and outside readings, online sources, and film.

HUMA/WMGS 110 – Introduction to Women's and Gender Studies (C-DD)

This introductory course will focus on one central question: What difference does gender make? By examining a variety of texts (articles, novels, film, popular culture), we will learn not only how to analyze issues of power, gender and identity, but we will also relate those issues to the wider world around us. Specific thematic units include socialization, violence, work, the female body, language, sexuality, motherhood and the family, race, globalization, and voices from the third wave of feminism.

POLI 232 – American Political Polarization (C-DD)

Red state Blue State: American Political Polarization. The media is full of Chicken Littles saying, "The sky is falling, the sky is falling," about how bad American politics is these days. Everyday the news covers congressional gridlock and fighting. Some even question whether American democracy will survive. But, how bad it is really? The answer to that is actually quite complex and is the cornerstone of this course. We will first define and measure the current era of political polarization by examining how different societal groups and regions differ from one another on a multitude of political and social issues. While this will give us a sense of "how bad" things are currently, we cannot fully appreciate the severity of current polarization without putting it in the larger context of comparing it with historical US examples and examples from other countries. Finally, we will learn about the origins of this current era of polarization: "How did we get here?" in order to discuss potential solutions and forecast the future health of American democracy. This course is based on the assumption of no prior knowledge about American politics. Political polarization is used as a frame to enter into learning about current events and the structure and culture of American politics and government.

Expression and Interpretation

This area examines ways in which literature and the visual and performing arts resonate in human experience. Courses in this area encourage students to contemplate and theorize humanities and fine arts. Through creative engagement and critical thought, students will develop an understanding and appreciation of the creative process and cultivate the ability to make positive contributions to knowledge, society, and culture.

ART 141 – Drawing and Visual Perception (C-EI)

This studio course explores the foundational practice of drawing from observation. The course explores drawing using a variety of media techniques.

Drawing from observation is essential in the study of the visual arts. This practice develops key interpretive and reflective skills. Focused attention and observation enhances one's ability to interpret their surrounding environment, and to process the information around them critically through the focused physical interpretation of sight. Not open to ART majors or minors.

ENGL 150 – Introduction to Literary Studies (C-EI)

In this course, students 1) cultivate an appreciation for literature and 2) develop the skills of close reading and analysis of selected works from the genres of poetry, fiction, drama and nonfiction prose according to the various principles and techniques of literary criticism. Some sections may be themed.

ENGL 203 – Science Fiction and Fantasy (C-EI)

Science Fiction and Fantasy explores the importance of these two popular genres. Focal questions in the course are: What are the defining characteristics of science fiction and fantasy? What are the larger thematic issues these genres propose? More specifically, the course looks critically at constructions of race and gender, of spirituality, of technology, of colonization and of political Utopian/dystopian worlds. Authors may include George MacDonald, H.G. Wells, J.R.R. Tolkien, Arthur C. Clarke, Ursula K. LeGuin, Peter S. Beagle, Philip K. Dick, Octavia Butler, Samuel Delany, Margaret Atwood, Walter M. Miller, William Gibson, Philip Pullman, Neil Gaiman and a graphic novel and hypertext.

FREN 305 – Introduction to French Literature and Literary Criticism (C-EI)

An introduction to major trends in French literature, including critical terminology and concepts, through class discussion of major works of poetry, prose and drama. Prerequisite: FREN 204.

GERM 304 – German Composition (C-EI)

Review of German grammatical structures, syntax and idioms through composition and short literary readings. Emphasis on developing facility in diverse types of written expression. This course is comprised of composition on literary topics, to prepare students for upper-level courses in German. Prerequisite: GERM 204.

HUMA 100 – Introduction to the Humanities through the Fine Arts (C-EI)

This course aims to help students understand ways in which literature and the fine arts can deepen their sense of what it means to be human. The course gives students practice appreciating masterpieces of painting, sculpture, architecture, music, poetry, prose narrative, theater, dance, and film. Required of Humanities majors; open to all interested students.

MUSI 150 – Survey of World Musics (C-EI)

This course provides a basic introduction of world music methods and problems, and surveys several non-Western musical cultures including the cultures of Africa, the Middle East, Japan, Southeastern Europe, Latin America, India, and Native America. Students will listen to, analyze representative works, and do independent research on a pertinent topic.

SPAN 301 – Introduction to Spanish and Spanish American Literature 1 (C-EI)

An introduction to Spanish and Spanish American literature before 1800, including critical terminology and concepts, through class discussion and analysis of major works of poetry, prose, drama, and essay. Prerequisite: SPAN 300.

THEA 101 – Introduction to Live Performance (C-EI)

Introduction to Live Performance is designed to examine the experience and develop an understanding of the live event, with a special emphasis on Theatre. We will focus primarily on contemporary performance styles and theatre, with an eye toward history to explain how we have reached the kind of theatre that is seen today. The goal of this course is to expose you to various forms of performance and learn to evaluate them not only as art but also as personal experiences.

THEA 102 – Creation of Sign and Symbol (C-EI)

This course is an introduction to both the process of creating symbolism as well as critically analyzing how signs and symbols are used in our culture. Students will learn to evaluate, on both a visual and intellectual level, how we use imagery to create ideas and convey messages through the use of visual media.

WOLT 210 – Soviet Literature and Culture (C-EI)

This course explores twentieth century Soviet culture and society through readings of Soviet dissident literature. Besides a close reading of the literary texts, considerable attention is devoted to the history of the Soviet period, Soviet ideology, Russian culture in the former Soviet Union and abroad, and contemporary Soviet society. Authors who may be treated include Zamiatin, Babel, Olesha, Solzhenitsyn, Bulgakov, Pasternak and Brovdsky.

Individual and Society

This area focuses attention on the nature of the individual, of society, and the relationship between the two. Courses in this module consider empirical research as well as historical and contemporary thought on the nature and development of the individual (including common attributes and individual differences), the character and evolution of society (including complex institutions such as family, economy and government), or the relationship between the two. These courses help students identify and apply theoretical and methodological perspectives of a social science in order to understand themselves and their place in the social world.

AMER/POLI 130 – United States Politics and Government (C-IS)

A survey of the U.S. political system at the national, state and local levels including examination of constitutions, social and political ideology, mass political behavior, parties and interest groups, the Congress, the presidency, the courts, and the development of national public policy. Focuses on the problems of policy making in a pluralistic democratic system.

ECON 101 – Macroeconomics (C-IS)

Introduction to macroeconomic problems: unemployment and inflation. National income accounting; measures of gross domestic product. Aggregate demand and supply. Fiscal and monetary policies. Open-economy issues.

ECON 102 – Microeconomics (C-IS)

Resource allocation by consumer and producer. Derivation of demand and supply curves. Market structure; perfect competition and imperfect competition. Determination of wages and other factor prices.

EDUC 130 – Educational Psychology (C-IS)

An exploration of the field of educational psychology which addresses how individuals of different ages learn, what motivates them to learn, and how we know that learning has taken place. Consequently, the course examines the nature of human development, learning, motivation, and assessment from both a theoretical and applied perspective.

LEAD 200 – Introduction to Leadership Studies (C-IS)

This course focuses on definitional issues (What is leadership?) and explanation (How does it work?). The course also acquaints students with theories and styles of leadership.

PSYC 100 – General Psychology (C-IS)

This course focuses on the complex interplay between biological, psychological, and social factors affecting human behavior and relationships. It considers the nervous system and biological bases of behavior; human development; perception, learning and memory; individual differences (intelligence and personality); psychological disorders and their treatment; social influence and social cognition; and other topics. The course emphasizes the scientific method as a way of understanding human thought, feeling and action and highlights foundational theoretical perspectives in psychology.

SOCI 100 – Introduction to Sociology (C-IS)

This course examines the basic nature of human relationships, customs, institutions, social structure and culture. It emphasizes how they affect our beliefs and behavior and how they express our fundamental concerns and values. The course teaches the basic concepts, methods and perspectives of sociology as a social science and it uses them to consider such topics as family life, groups and organizations, sex and age roles, racial/ethnic and class inequality, religious and political movements, and social problems.

Physical and Natural World

This area introduces topics ranging from physical and chemical processes that shape the earth and universe, the historical and contemporary impact of human geography on climate and the earth's biota, to the interplay among health, environment and technology. Courses in this area, while being grounded in the fundamentals of the natural sciences, may include disciplinary, multi-disciplinary, and inter-disciplinary perspectives on the physical and natural world. Students will be introduced to the basic concepts of science, methods of science, and the interdisciplinary nature of science through inquiry, critical thinking, application, and communication. This subject matter, when synthesized into a meaningful whole, allows learners to develop an informed perspective on the physical and natural world and our role as responsible stewards of the environment. These courses include a laboratory component.

CHEM 100 – Applications of Chemistry (C-PN)

This course will offer a basic knowledge of the science of chemistry as a tool for understanding the physical world. With this knowledge, we will examine and reflect upon following: 1) how scientists approach and solve problems and 2) how chemistry-related concepts appear in our day-to-day lives. The laboratory portion of this course will be designed as a hands-on learning complement to the classroom presentation of chemistry concepts as well as a platform to strengthen problem-solving and writing skills.

CHEM 105 – General Chemistry 1 (C-PN)

This course outlines the basic principles, laws and definitions of chemistry. Students will also learn atomic theory and basic reaction chemistry. Gas laws and enthalpy are also introduced. Laboratory work consists of experiments illustrating the above and an introduction to basic laboratory techniques. Course consists of both weekly lectures and scheduled laboratory. Prerequisite: one year of high school chemistry. Student must test into a math class higher than MATH 102 to enroll. Fall semester.

EDUC/GEOL 287 – Integrated Science Methods and Introductory Geology 1 (C-PN)

This is the first half of a yearlong sequence that integrates the teaching of science methods for elementary pre-service teachers with a science course. Students will learn the basic concepts and skills of geology, in conjunction with how to teach those concepts and skills to elementary students. The content of Part 1 and Part 2 of the course will be similar to combined content of EDUC 285 and Introductory Geology GEOL 105. To fulfill the requirement of science methods in the education program students must complete Part 1 and Part 2 of the yearlong sequence. Students fulfill the Core Curriculum Physical and Natural World requirement after Part 1.

GEOL 105 – Geology (C-PN)

A survey course designed for majors and nonmajors. A study of active earth processes involved in the formation of the earth's surface and subsurface features, the interrelationship between humans and the environment, and the application of the science of geology to solving problems facing the earth and its inhabitants. Topics include plate tectonics, the history of the earth, natural hazards, global climate change, and natural resources. Includes lectures and labs.

GEOL 115 – General Oceanography (C-PN)

This course provides an overview of the ocean sciences, with emphasis on the interplay between its geological, physical, chemical, and biological processes. The control of oceans on Earth's climate will be examined, as well as possible human impact on climate and global sea level changes. Other human concerns, including marine pollution problems and species extinction, will be addressed. Includes lectures and labs.

PHYS 111 – Fundamentals of Physics 1 (C-PN)

Intended mainly for physical science majors, this introductory course presents a unified view of the fundamental principles of physics. Conceptual development and problem solving skills are emphasized. Topics include vectors, kinematics, Newtonian dynamics, conservation laws, oscillatory motion, and waves.

PHYS 121 – General Physics 1 (C-PN)

Intended mainly for physical science majors, this introductory course presents a unified view of the fundamental principles of physics. Conceptual development and problem-solving skills are emphasized. Topics include: vectors, kinematics, Newtonian dynamics, the conservation laws, oscillatory motion, and waves.

Western Tradition

This area helps students understand and evaluate major concepts and values in Western culture. Students will be able to analyze how the Western tradition influences contemporary thought or actions. Courses in this area will expose students to the sources and development of ideas that pervade Western society and the Western cultural experience, and may cover Western ideologies, history, government, citizenship, literature, and the arts.

AMER/MUSI 184 – History of American Popular Music (C-WT)

This course covers popular music in the United States from the late nineteenth-century to the present day. Genres discussed include modern styles like Rock, R & B, Hip-Hop, Folk, and Country, but significant time will also be spent on earlier types of American music like Jazz, Blues, the songs of Tin Pan Alley and earlier forms of entertainment like musical theater and minstrelsy. A chronological study of these styles will expose the student to important songwriters and performers and how their songs influenced, and were affected by, elements like race, politics, and society. The influences of modern technology including radio, recording media, television, computers, and electronic instruments will also be explored.

ART 110 – History of Western Art (C-WT)

This course will advance the belief that art is an irreplaceable way of understanding and expressing the world — equal to but distinct from other methods of inquiry and certainty. By charting the emergence of unique and continuous traditions of visual imagery from Chauvet to the last works of the Post-Impressionists, this course will highlight the canonical paintings and sculpture from major periods of Western culture. Focusing on the key innovations, personalities, and styles of Western art, this general survey class will encourage a basic appreciation, analysis, recognition, and interpretation of art.

ART 112 – History of Modern Design (C-WT)

This course will explore how humans interact with everyday products, environments and visual mediums that we encounter on a daily basis. It will start with the Arts and Crafts movement (1880-1910) and finish with Post Modernism.

CLAS/ENGL 289 - Special Topics: – The Afterlives of Homer (C-WT)

This course will introduce students to the poetry now attributed to the Greek poet Homer, asking two major questions: 1) Just what is this poetry, both in its original oral setting and in the texts handed down to us through the centuries? 2) Why has this particular body of poetry served as the unequivocal starting point for the Western literary tradition? To answer these questions, students will first read the Iliad and the Odyssey (in translation) in the first half of the semester, and then sample the afterlives of these epics into the postmodern era.

HIST 112 – History of Western Civ. 1: Bronze Age to Renaissance (C-WT)

This course explores the development of Western Civilization from its origins in ancient Iraq to its flowering in Renaissance Europe. Key topics include society and belief in the ancient Near East; Greek philosophy, theater and politics; Roman imperialism and urbanism; Christian origins; Islamic contributions to the West; Medieval monarchy, universities and the papacy; Renaissance art and humanism. This course seeks to provide students with a keen awareness of our debt to past cultures and with new perspectives on where human civilization may be headed.

HIST 113 – History of Western Civ. 2: Early Modern and Modern Europe (C-WT)

This course will examine the development of Western civilization from circa 1500 to the end of the Cold War. After a brief treatment of the intellectual expansion called the Renaissance, this survey course studies the Age of Exploration and European expansion beyond its geographical borders, thereby introducing the theme of colonialism in Western history. Other major themes of the course include the evolution of ideas, mentalities and, more broadly, Western culture; the development of political systems; and the emergence of various structures and forces in social and economic life. As a historical overview, this course gives attention to famous leaders and dramatic events, as well as examining ordinary people, their daily lives and the continuities in Western civilization.