

LIBERAL ARTS COURSE DESCRIPTIONS

2022-2023 UNDERGRADUATE CATALOG

FOUNDATION SKILLS: *Requirement: 17-20 hours*

F1. UNDERSTANDING COLLEGE

LART 1050 **First Year Seminar** **1 hr. (1, 0)**

This course is a holistic orientation during which students Reflect, Connect, and Grow intellectually, socially, and spiritually as part of AU's community. Students reflect upon AU's 5 core values and its distinctive Christian character while also connecting to the campus resources necessary for their success. Additionally, they grow as whole people by considering how their core values, individual strengths, and vocational call can work together to benefit their personal and professional future. OFFERED: Sem. I.

F2. CIVIL DISCOURSE & CRITICAL REASONING 2-4 hrs.

BIOL 3510 **Bioethics** **3 hrs. (3, 0)**

Seminar course examines ethical questions that arise in the relationships among life sciences, biotechnology, medicine, politics, law, philosophy, and theology. Topics and case studies are selected and discussed in terms of the ethical issues they present. These issues include beginning of life, death and dying, human and animal testing, and environmental stewardship. PREREQUISITE: Junior standing. SAME AS: PUBH 3510.

BSNS 3420 **Business Law** **3 hrs. (3, 0)**

The nature and historical development of the U.S. legal system, court structure, and legal procedure. Law of contracts, sales, agency, and corporations. Valuable for non-business majors as well as business majors.

CMIN 2270 **Faith and Worship** **3 hrs. (3, 0)**

Understanding Christian worship through consideration of its biblical and historical backgrounds and through observation of its current practice. Experience in planning and conducting worship in a variety of settings. OFFERED with sufficient demand.

ENGL 3190 **Composing Arguments** **3 hrs. (3, 0)**

Explores various models of argument, including persuasion, advocacy, consensus building, and classical rhetoric. Focuses on analyzing and composing multiple genres. Examines audience accommodation, research, tone, and revision.

ENGL 3580 **Cross-Cultural American Literature** **3 hrs. (3, 0)**

Examines contemporary American poetry, fiction, and nonfiction, focusing on themes prominent in the literature of cross-cultural authors, such as assimilation, cultural adaptation, discrimination, identity formation, intergenerational family conflicts, oppression in the homeland, and linguistic challenges.

ENGR 2060 **Engineering Ethics** **2 hrs. (2, 0)**

This course pushes students to consider ethical implications implicit in the decisions made by engineers as they design products ranging from automobiles, to healthcare devices, to software, to appliances. Much of the course will be dedicated to case studies, and in doing so students will develop a structure methodology for engaging their profession with an ethically sound moral compass.

HIST 2300 **Historical Inquiry** **3 hrs. (3, 0)**

Examines various approaches to historical research, major bibliographical tools, varieties of history, and philosophies of history.

HNRS 2125 **The Scholar as Servant Leader** **2 hrs. (2, 0)**

Focuses on the stories of great men and women who were cast into positions of leadership and analyzes what is to be understood of their personal formation and qualities as leaders and servants. This course applies to the liberal arts speaking intensive requirement.

LART 1100	Critical Thinking Seminar	2 hrs. (2, 0)
Cultivates critical-thinking, communication, and community-building skills common to most other university-level classes and useful for pursuing truth and living lives of faith and service.		
MUED 1000	Introduction to Music Education	3 hrs. (3, 0)
Overview of the professional opportunities and challenges of teaching music in public and private schools. Includes field experiences. Grade of C or better required.		
PHIL 2000	Introduction to Philosophy	3 hrs. (3, 0)
An introduction to the important questions, ideas, and figures in the Western philosophical tradition from both topical and historical perspectives.		
PHIL 2120	Ethics	3 hrs. (3, 0)
Classical and contemporary considerations of moral issues and nature and status of ethical theory.		
POSC 2020	Introduction to Politics	3 hrs. (3, 0)
Introduces students to the study of government and provides a broad overview of the discipline of political science. Examines the scope and methods of the study of politics and political systems, as well as a number of concepts of interest to political scientists, including power, democracy, ideology, and state institutions.		
PSYC 3200	Living the Faith in a Post Christian World	3 hrs. (3, 0)
Classical and contemporary considerations of moral issues and nature and status of ethical theory.		
RLGN 3120	Current Issues in Christian Ethics	3 hrs. (3, 0)
A critical examination of Christian reflections and decision-making on moral and ethical issues in contemporary life. "Christian," as used in this course, seeks particularly to take Jesus and the church seriously in defining, describing, and illuminating the nature and content of moral issues. The course examines varying approaches to Christian moral decision-making, with a view to shaping sound responses to several current moral issues confronting human beings and creation.		
SOCI 2450	Introduction to Race and Ethnicity	3 hrs. (3, 0)
Introduces students, through a relational perspective, to the origins and the ongoing sociological construction of the concepts of race and ethnicity in America. Analyzes different types of race and ethnic relations in America, as well as racism, prejudice and discrimination as tools of exclusion. Evaluates minority and majority group responses and identifies cultural contributions of ethnic groups. Incorporates a perspective of 'sociological imagination', where one considers the intersections between individual biography and socio-structural history. Advisor permission required.		
SPED 2400	Introduction to Mild Disabilities	3 hrs. (3, 0)
Provides an overview of definitions, characteristics, and educational needs of students with mild disabilities. Course includes cultural, language, behavioral, social, and academic factors that interfere with academic achievement for these students. Course also examines current models of educating students with mild disabilities, including response to intervention and the changing roles of educators within those models. This course is required of all elementary, secondary, and music education majors, including pre-service educators licensing in special education and students majoring in other fields, but who are earning a special education minor. Grade of C or better required.		

F3. WRITTEN COMMUNICATION (Grades of C- or better required to fulfill this area.)

ENGL 1100	Rhetoric and Composition - Basic	4 hrs. (4, 0)
Designed for students who need supplemental help with writing skills. Focuses on theory and practice of expository writing based on experience and observation. Emphasizes development of functional and flexible writing processes for a range of purposes and audiences. Includes assigned readings. Requires attention to sentence style, diction. Grade of C- or better is required.		
ENGL 1110	Rhetoric and Composition	3 hrs. (3, 0)
Focuses on theory and practice of expository writing based on experience and observation. Emphasizes development of functional and flexible writing processes for a range of purposes and audiences. Includes assigned readings. Grade of C- or better is required.		

ENGL 1120 **Rhetoric and Research** **3 hrs. (3, 0)**
Focuses on theory and practice of writing based on external sources. Emphasizes library, electronic, and primary research sources and methods. Satisfies writing skill requirement for graduation. Does not satisfy Advanced Writing Competency requirement. Grade of C- or better is required. PREREQUISITE: Grade of C- or better in ENGL 1100 or ENGL 1110

HNRS 2110 **The Scholar in the Academy: Journeys and Migrations in the Western Tradition** **5 hrs. (5, 0)**
Focuses on historical investigation and reading and writing on a common theme. Open to Honors program students only. EXPECTATION: C- or better, to full the Written Communication portion of the Liberal Arts Core Curriculum.

TWO WRITING INTENSIVE (WI) COURSES

To emphasize the importance of writing both as an essential skill and as a tool for learning, the university requires every student to complete two writing-intensive (WI) courses beyond ENGL 1120. At least one WI course must be upper division. (List of Writing Intensive Courses at the end of this document.)

F4. SPEAKING and LISTENING Requirement: 3 hours

COMM 1000 **Introduction to Speech Communication** **3 hrs. (3, 0)**
Fundamentals of communication with emphasis on interpersonal, small group, and public communication experiences. OFFERED: Sem. I, II; summer.

SPEAKING INTENSIVE (SI) COURSE

One Oral Communications Intensive class course beyond COMM 1000 (see list at end of this document.)

(Opportunity to waive COMM 1000 available based on department criteria. See the Department of Communication and Design Arts for more information)

F5. QUANTITATIVE REASONING Requirement: 3 hours

CPSC 1100 **Introduction to Business Informatics** **3 hrs. (3, 0)**
An introduction to computer-based business-problem-solving applications and methods. Core topics include spreadsheets with emphasis on formulas and functions, relational database with emphasis on relational database design and use of SQL, and web software development with emphasis on HTML 5 and CSS. PREREQUISITE: Mathematics proficiency. OFFERED: Sem. I, II.

CPSC 1200 **Introduction to Web Programming** **4 hrs. (4, 0)**
An introduction to program design and development using HTML, CSS, and JavaScript. Emphasis is on problem solving, algorithm development, and issues related to Web publishing. PREREQUISITE: Mathematics proficiency. OFFERED: With sufficient demand.

CPSC 1400 **Computer Science I** **4 hrs. (4, 0)**
An introduction to disciplined, object-oriented program development. Topics include a survey of computer architecture and systems, problem solving and algorithm development, data types and variables, control-of-flow structures, event-driven programming, private methods, and parameter passing. PREREQUISITE: Mathematics proficiency. OFFERED: Sem. I, II.

LEAD 3100 **Introduction to Information Systems & Analysis of Data (Adults only)** **3 hrs. (3, 0)**
This course presents problem analysis and evaluation techniques. Students are shown methods for defining, researching, analyzing, and evaluating a problem in their work or vocational environments that they have selected for independent research projects. Specific statistical information covered in the course includes identifying and measuring objectives, collecting data, working with significance levels, analyzing variance, and constructing questionnaires.

MATH 1100 **Elementary Mathematics-Numeration Systems** **4 hrs. (4, 0)**
Elementary foundations course for students preparing for elementary and middle school education. Includes deductive reasoning, the algebra of sets, numeration systems, properties of natural numbers, integers, rational numbers, real numbers, and data analysis. Does not apply toward mathematics major or minor. PREREQUISITE: Mathematics proficiency. OFFERED: Sem. I.

MATH 1250 **Explorations in Mathematics** **3 hrs. (3, 0)**

A course designed for students to explore different areas of college-level mathematics. Students will appreciate the relevance of mathematics through real-life applications. Emphasis will be placed on critical reasoning, problem solving, and the clear communication of mathematical ideas. Topics will be chosen from mathematics of finance, mathematical modeling, probability and statistics, voting theory, infinity, and logic. Does not apply toward mathematics major or minor. PREREQUISITE: Mathematics proficiency. OFFERED: Sem. II.

MATH 1300 **Finite Mathematics** **3 hrs. (3, 0)**

Topics include introduction to counting techniques, probability, systems of linear equations and matrices, linear programming, and the mathematics of finance. Does not apply toward mathematics major or minor. PREREQUISITE: Mathematics proficiency. OFFERED: Sem. I, II.

MATH 1400 **Applied Calculus** **4 hrs. (4, 0)**

Topics include functions, limits, derivatives, applications of derivatives, integration and applications of integration. Functions considered are polynomial, rational, logarithmic and exponential functions. Emphasis is on computational skill and problem solving. Applications taken from management, life sciences, and social sciences. Not open to students with a grade of C or better in MATH 2010 or its equivalent. Does not apply toward mathematics major or minor. Expectation: Two years of high school algebra. PREREQUISITE: Mathematics proficiency. OFFERED: With sufficient demand.

MATH 2010 **Calculus I** **4 hrs. (4, 0)**

Introduction to plane analytic geometry, functions, limits, continuity, differentiation of algebraic and trigonometric functions, application of the derivative, and indefinite, and definite integrals. Expectation: Two years of high school algebra, plane geometry, and trigonometry, MATH 1220, or passing score on Calculus Readiness Exam. PREREQUISITE: Mathematics proficiency. OFFERED: Sem. I, II.

MATH 2120 **Introductory Statistics with Applications** **4 hrs. (4, 0)**

Descriptive statistics; binomial, normal, and chi-square distributions; sampling distributions; estimation; hypothesis testing; simple linear regression; and analysis of variance. EXPECTATION: Two years of high school algebra. OFFERED: Sem. I, II.

PSYC 2440 **Applied Statistics and Introduction to Research** **4 hrs. (4, 0)**

An examination of basic statistical techniques with emphasis on interpreting research literature, practical applications in psychology, business and political science, and use and interpretation of appropriate computer software. PREREQUISITE: Mathematics proficiency. OFFERED: Sem. II.

F6. BIBLICAL LITERACY Requirement: 3 hours

BIBL 2000 **Introduction to the Bible** **3 hrs. (3, 0)**

Historical and literary study of the Hebrew Bible and the New Testament as Scripture. Introductory course surveying historical contexts, varieties of literature, and development and expression of theology of these writings. OFFERED: Sem. I, II.

F7. PERSONAL WELLNESS Requirement: 2 hours

(PEHS 1000 test out procedure available for prior practical experience/ theoretical background.)

PEHS 1000 **Fitness and Leisure for Life** **2 hrs. (1, 2)**

Provides a base upon which students may build healthy bodies through understanding of and participation in fitness/leisure activities. Surveys key fitness/wellness concepts in lecture portion of class.

NURS 1210 **Nutrition for Healthy Living** **2 hrs. (2, 0)**

Explores principles of nutrition as they relate to physical fitness. Content includes important nutritional elements and their relationship to maintaining health. Required activities include: personal health assessment skills, nutritional assessment, and aerobic activities. Not required for nursing major, but highly recommended. OFFERED: Sem. I, II.

DANC 3060 Movement Analysis 3 hrs. (3, 0)

This class uses a system of observation and notation to aid students in understanding dance, health, and the science of movement. It emphasizes whole-person education (psychological, physical, sociological, spiritual). It introduces students to Alexander Technique, Bartenieff Fundamentals, Laban Movement Analysis, Feldenkrais Technique, Yoga, and Pilates as somatic practices. OFFERED: Sem. II.

WAYS OF KNOWING: Requirement: 23 hours

W1. CHRISTIAN WAYS OF KNOWING Requirement: 3 hours

BIBL/RLGN 3000 History of Biblical Interpretation (WI) 3 hrs. (3, 0)

This course is a historically based study of the ways in which Christians have interpreted the Bible. The course considers the diversity of Christian interpretation as well as the development of Christianity as the biblical text was interpreted over time. PREREQUISITE: BIBL 2000; upper-division standing. OFFERED: Each semester

BIBL 3410 Images of Jesus then and Now 3 hrs. (3, 0)

Examination of the New Testament's images of Jesus and their transformations in different cultures. Emphasis is upon how different images of Jesus entail corresponding lifestyles and worldviews. Comparisons of images of Jesus with selected focal images from other religions (such as Allah or the Tao) show the images' structural importance for religious systems and cultures. PREREQUISITE: BIBL 2000 OFFERED: Sem. II

HNRS 3325 Christ and Culture (Honors program students only) 3 hrs. (3, 0)

This course is organized as a seminar in historical theology that considers the various relationships between Christians and their culture. Readings in primary and secondary sources, as well as journal articles, will inform seminar discussions.

PHIL/RLGN 3250 Ethics & Morality for Professionals 3 hrs. (3, 0)

An introduction to Western ethical traditions and particularly to critical thinking about moral experience within Christianity. From classical perspectives in Christian ethics, students will practice using resources (such as the Bible) to develop their own ethical code, system of values, and constructive approaches by which they would resolve ethical dilemmas and conflicts. Special focus on teaching moral reasoning as a skill for professionals, particularly for Christian leaders, to resolve moral dilemmas in society and in organizations (both the profit and not-for-profit sectors). PREREQUISITE: Upper-division standing. OFFERED: Sem. I.

RLGN 3010 Faith in Context 3 hrs. (3, 0)

Faith always emerges in multiple contexts, including cultural, developmental, and religious. Students in this course examine personal experiences with faith, the faith experiences of their families of origin, and contemporary North American expressions of popular religion and spirituality.

RLGN 3020 Christianity and Social Justice 3 hrs. (3, 0)

The call to "do justice, love mercy, and walk humbly with your God," is deeply rooted in Christian faith. Just what this element of Christian commitment means in lived experience, however, is neither consistently interpreted nor universally applied. This course affords students the opportunity to explore in some depth the relationship between Christian faith, in its various articulations, and social justice. The class addresses a selection of contemporary social justice issues (for example: racial justice, gender justice, environmental justice), exploring ways in which representative groups and individuals from the Christian tradition have understood the relationship between faith and social justice. The goal of the course is to introduce students to the complexities of each social justice issue, to encourage them to consider ways in which Christian faith commitments intersect with concerns about the issue, and to prompt them to develop a lifelong engagement with the concerns. OFFERED: Sem. II.

RLGN 3100 Christian Understandings of Human Experience 3 hrs. (3, 0)

Investigation of perennial human experiences of intimacy, spirit, community, hope, revelation, and search for truth and reconciliation. Acquaints students with biblical-Christian interpretation of these experiences. PREREQUISITE: Upper-division standing. OFFERED: Sem. I, II.

W2. SCIENTIFIC WAYS OF KNOWING Requirement: 4 hours

BIOL 1000 Principles of Modern Biology 4 hrs. (3, 2)

Fundamental ideas in the science of biology, including molecules, cells, genetics, ecology, the diversity of life, and the human body. OFFERED: Sem. I; summer (online).

BIOL 2070 Humans and the Environment 4 hrs. (3, 3)

Students are exposed to basic concepts of ecology and to select environmental issues. They are encouraged to engage in vigorous discussion and to think critically about our impact on the environment. The perspective of Christian environmental stewardship is emphasized throughout the course. OFFERED: Sem. II.

BIOL 2080 Flora of Indiana 4 hrs. (3, 2)

Taxonomic study (identification, classification, and nomenclature) of flowering plants of Indiana. OFFERED: Summer.

BIOL 2210 Foundations of Modern Biology I 4 hrs. (3, 4)

Basic principles of cell structure and function, genetics, evolution, biodiversity, and ecology using animal and human models. Through these themes the student becomes familiar with major animal groups, their salient characteristics, environmental interactions, and postulated evolutionary relationships. OFFERED: Sem. I.

CHEM 1000 Introduction to Chemistry 4 hrs. (3, 2)

A survey approach to the study of chemistry examining the methods of science as applied to the study of inorganic, organic, and biochemistry. Emphasis on understanding chemical principles and their application to the environment with some use of numerical computations. Not applicable toward chemistry major or minor. OFFERED: Sem. II.

CHEM 2110 General Chemistry I 4 hrs. (3, 2.5)

Basic introduction to theory and practice of chemical principles with emphasis on atomic structure, chemical bonding, stoichiometry, thermochemistry, and physical states of matter. Expectation: Students entering general chemistry normally have at least one year of high school chemistry and two years of high school algebra. OFFERED: Sem. I.

EXSC 2140 Nutrition in Health and Disease 4 hrs. (3, 2)

Provides an introductory view of the relationship between nutrition and disease. The course covers the methodology used to determine nutritional and health status and how evidence is gathered to determine links between nutrition and the prevention of specific diseases and conditions, such as cardiovascular disease, cancer, diabetes, obesity, gastrointestinal disorders, and osteoporosis are covered in depth. Emphasis is placed on the scientific method and how scientific processes allow these facts to be known. OFFERED: Sem. I, II.

HNRS 2210 Scientific Discoveries and Paradigm Shifts 4 hrs. (3, 2)

Examines the nature of science, the history and philosophy of science, and the experiential, hands-on practice of science. The unifying thread of the course is the concept of "paradigm shifts" and the question of whether they have actually occurred in the history of science. Open to Honors program students only.

PHYS 1000 Physical Science 4 hrs. (3, 2)

Introduction to selected topics in physical science, with emphasis on concepts necessary to teaching science at the elementary school level. Required of all elementary education majors, but also open to other non-science majors. OFFERED: With sufficient demand.

PHYS 1020 Earth and Space Science 4 hrs. (3, 2)

Introduction to the study of geology, weather, and space science with an emphasis on the phenomena that pertain to the earth's crust and atmosphere and the methods used to form our understanding of these dynamic systems. May be taken alone or as a supplement to PHYS 1000. OFFERED: With sufficient demand.

PHYS 1140 Musical Acoustics 4 hrs. (3, 2)

Survey of topics basic to the science of music. Designed to give music students a laboratory-science experience in a field relevant to their interests. Open to all students who can read music. OFFERED: With sufficient demand.

PHYS 1240 **Introduction to Astronomy** **4 hrs. (3, 2)**
Introduction to understanding planets, stars, and galaxies of our universe with emphasis on what they are, how they live and die, and how they are studied. Students will also gain an appreciation for the night sky and the type of observations that can be made. OFFERED: Sem. I.

PHYS 2140 **General Physics I--Algebra** **4 hrs. (3, 2)**
Introduction to major concepts of physics and their mathematical foundations, with a primary emphasis on Newtonian mechanics. EXPECTATION: Students enrolling should demonstrate sufficient knowledge of college algebra. OFFERED: Sem. I.

PHYS 2240 **General Physics I--Calculus** **4 hrs. (3, 4)**
Introduction to major concepts of physics and their mathematical foundations, with a primary emphasis on momentum, energy, and rotational dynamics. Students taking this course typically have completed at least one year of high school physics. PREREQUISITE: MATH 2010. OFFERED: Sem. II.

PSYC 3210 **Behavioral Neuroscience** **4 hrs. (3, 2)**
An introduction to the biological foundations of animal and human behavior, including human neuropsychology, the study of brain disease, and how the environment (including toxins) contributes to changes in the brain. The laboratory component stresses the human brain and the student's ability to recognize its various components. EXPECTATION: PSYC 2010 is strongly recommended. PREREQUISITE: PSYC 2000. OFFERED: Sem. I.

W3. CIVIC WAYS OF KNOWING Requirement: 3 hours

HIST 2000 **World History** **3 hrs. (3, 0)**
Examination of the history of the non-Western world of Asia, the Middle East, Africa, and Latin America. Emphasizes patterns of development; religion and culture; political, economic, and social issues; and historical and current problems. Required of all social studies teaching majors. OFFERED: Sem. I.

HIST 2030 **Western Civilization I** **3 hrs. (3, 0)**
Examination of major themes in the development of Western civilization. Special attention is given to intellectual and cultural heritage of the classical world and to the transmission of the classical heritage to the modern world. OFFERED: Sem. I.

HIST 2040 **Western Civilization II** **3 hrs. (3, 0)**
Examination of major themes in the development of Western civilization. Special attention is given to the expansion of the West, the development of modern political ideologies, and the historical impact of economic modernization. Examines the period from 16th century to the present. OFFERED: Sem. II.

HIST 2110 **American History I** **3 hrs. (3, 0)**
American civilization from first English settlements through Civil War: artistic, intellectual, literary, social, economic, political, and religious currents in American life. Required of all social studies majors. OFFERED: Sem. I, II.

HIST 2120 **American History II** **3 hrs. (3, 0)**
American civilization from Reconstruction to present: artistic, literary, intellectual, social, economic, political, and religious currents in American life. Required of all social studies majors. OFFERED: Sem. I, II.

HNRS 2110 **Honors Literature and History** **5 hrs. (5, 0)**
Focuses on historical investigation and writing on a common theme. EXPECTATION: C- or better, to full the Written Communication portion of the Liberal Arts Core Curriculum.

POSC 2100 **American National Government** **3 hrs. (3, 0)**
An introductory study of national government in the United States. Examines the major institutions and processes of the American political system, including Constitutional design, federalism, public opinion, voting and elections, political parties, interest groups, Congress, the presidency, and the courts. OFFERED: Sem. I.

W4. AESTHETIC WAYS OF KNOWING Requirement: 3 hours

AE AESTHETIC INTEGRATIVE COURSES 3 HRS

ARTH 2000 Great Themes in Art 3 hrs. (3, 0)

An integrative course focusing on important themes found in art and design history through lecture and studio experiences. The course examines these themes from medieval through modern times. OFFERED: Sem. I, II.

ARTS 1210 Drawing for Liberal Arts 3 hrs. (3, 0)

Covers the basic aspects of drawing: investigating art elements of space, value, line and form. OFFERED: Sem. II.

ARTS 1230 Painting for Liberal Arts 3 hrs. (3, 0)

Introduction to concepts and processes of painting. Basic problems of space, image and color explored. OFFERED: Sem. I.

ARTS 1250 Graphic Design for Liberal Arts 3 hrs. (3, 0)

Study of graphic design history, color theory, design rules, and graphic design software. Students create theme-based projects. OFFERED: Sem. I, II.

COMM 2550 Appreciation of Great Speeches 3 hrs. (3, 0)

Examination of historic and contemporary speeches to develop understanding and appreciation of the elements by which great speeches are valued. This course applies to the liberal arts speaking intensive requirement. PREREQUISITE: COMM 1000. OFFERED: Sem. II.

ENGL 3590 Teaching Diversity through Young Adult Literature 3 hrs. (3, 0)

Provides secondary, middle, and upper elementary pre-service teachers with a wide variety of experiences in reading, analyzing, and discussing texts written specifically for young adults. Grade of C or better required. This course applies to the liberal arts Aesthetic Ways of Knowing and writing-intensive requirements.

MUSC 2210 Music, the Arts, and Culture 3 hrs. (3, 0)

An examination of major works of Western art music that employ elements of art, literature, film, drama, and dance, with emphasis on opera, oratorio, choral symphony, program symphony, ballet, and film music genres. A study of the processes by which selected works were conceived, composed, prepared, performed, received, and understood as expressions of the human experience. Does not count toward music major. OFFERED: Sem. I, II.

If you did not use one class in the AE area to fulfill the Aesthetic, choose one class from AP (Appreciation) and one from AX (Experiential).

AP AESTHETIC APPRECIATION COURSES 2 HRS

DANC 3510 Period Dance 2 hrs. (2, 0)

Introductory to European and American social dance. Research and execution of movement from representative historical periods. No dance experience necessary. Repeat: May be repeated for credit. OFFERED: Semester II, summer.

ENGL 2500 Appreciation of the Writing Craft (WI) 2 hrs. (2, 0)

Defines and analyzes the fundamental elements and writing techniques of various creative genres, such as short fiction, poetry, literary non-fiction, and/or drama. Strongly recommended as a prerequisite to ENGL 3110, 3120, or 3180. EXPECTATION: Grade of C or above in ENGL 1120. PREREQUISITE: ENGL 1120. OFFERED: Each semester.

MUED 2110 Music for the Elementary Classroom 2 hrs. (2, 0)

Basic skills, materials, and methods for using music to aid child development, enhance learning, and encourage creativity in the elementary classroom. Expectation: Elementary education major. OFFERED: Sem. I, II.

MUSC 2110 Introduction to Music Literature 2 hrs. (2, 0)

Introductory study of music literature. Required for music majors; not recommended for students who do not read standard music notation. CONSENT: Department. OFFERED: Sem. I.

DANC 1420	Ballet I	1 hr. (2, 0)
Introduces students to a foundation for the development of basic skills and ballet technique for dance majors and non-majors. REPEAT: May be repeated for credit. OFFERED: Sem. I, II.		
DANC 2420	Ballet II	1 hr. (2, 0)
A continuation of Ballet I designed for the intermediate dance major or minor. Develops advancing technique, fine motor control, style, and skills. PREREQUISITE: Dance majors; open to non-majors with departmental permission. REPEAT: May be repeated for credit. OFFERED: Sem. I, II.		
DANC 3420	Ballet III	1 hr. (2, 0)
A continuation of Ballet II, this advanced course presents a deeper kinesthetic understanding of ballet fundamentals and sharpens physical presentation technique through extension of line, upper body coordination, complex rhythm forms of movement, and advanced petite, grand allegro and variations. CONSENT: Department. REPEAT: May be repeated for credit. OFFERED: Sem. I, II.		
DANC 4420	Ballet IV	1 hr. (2, 0)
A continuation of Ballet III, this advanced course emphasizes foot and arm movement and body placement using barre, center work, and choreography. Complex retention and high performance quality required at all times. PREREQUISITE: DANCE 3420. CONSENT: Department. REPEAT: May be repeated for credit. OFFERED: With sufficient demand.		
ENGL 2510	Creative Writing Workshop	1 hr. (2, 0)
Offers students a workshop setting in which to experiment with writing techniques to produce original poetry, short fiction, drama, or literary non-fiction. PREREQUISITE: Grade of C or above in ENGL 1120. CO-REQUISITE: ENGL 2500.		
MUPF 1010	Class Lessons in Voice I	1 hr. (1, 0)
Consent: Instructor. OFFERED: Sem. I.		
MUPF 1030	Class Lessons in Piano I	1 hr. (1, 0)
Beginning piano for students not majoring or minoring in music. Enrollment limited to the number of available keyboards. OFFERED: Sem. I, II.		
MUPF 1070-1430	Ensembles.	1 hr
REPEAT: May be repeated for credit.		
MUPF 1410	Class Lessons in Guitar I	1 hr. (1, 0)
REPEAT: May be repeated. OFFERED: Each semester.		
MUPF 1420	Class Lessons in Guitar II	1 hr. (1, 0)
REPEAT: May be repeated. OFFERED: Each semester.		
MUPF 1700-4890	Private Study (voice, piano, instrumental)	1 hr. (1, 0)
CONSENT: Department. REPEAT: May be repeated.		

W5. SOCIAL AND BEHAVIORAL WAYS OF KNOWING Requirement: 3 hours

ECON 2010	Principles of Macroeconomics	3 hrs. (3, 0)
Analysis of modern economic society, including examination of determinants of economic growth, changing price levels, monetary and fiscal policy, distribution of income, public economy, and current problems. PREREQUISITE: Sophomore standing. OFFERED: Sem. I.		
EDUC/PSYC 2110	Educational Psychology	3 hrs. (3, 0)
An introduction to the application of psychological principles to the challenges of teaching and learning. This course examines the theoretical and applied aspects of learning, motivation, human development, personality, and measurement and evaluation. This course is required of all education majors. A grade of C or better is required. OFFERED: Sem. I, II.		

PSYC 2000 General Psychology 3 hrs. (3, 0)

An introduction to the scientific study of mental processes and behavior. Topics include history, biological basis of behavior, sensation, perception, development, learning, memory, motivation, emotion, social, abnormal, statistics, counseling, and therapy. Required of all psychology majors and minors. OFFERED: Sem. I, II.

HNRS 3311 Justice and the Good Society 3 hrs. (3, 0)

Investigates societal structures and concepts of justice arising from such structures, as well as the impacts on various groups in society. Honors program students only.

SOCI 2010 Introduction to Sociology 3 hrs. (3, 0)

Presents the basic principles, concepts, and theoretical paradigms of sociology for analyzing social behavior, human relationships, and social institutions. Introduces students to a sociological perspective and form of analysis for understanding social life. Emphasizes “sociological imagination,” developing a perspective that strives to understand the intersection between individual biography and social structural history. Surveys the main areas of study and concentration within the field of sociology. OFFERED: Sem. I, II, summer.

SOCI 2020 Social Problems 3 hrs. (3, 0)

Sociological analysis of contemporary social problems. Designed to help students increase awareness and sensitivity toward major social issues, recognize the impact of social problems on various groups of people within our society, and understand how societal structures can serve to perpetuate or intervene to effectively resolve social problems. Credit for SOCI 2020 may be earned by completing the Communities and Cultures Seminar at Chicago Center. OFFERED: Sem. I, II.

SOCI 2100 Family in Global/Diverse Context 3 hrs. (3, 0)

General survey of the family science discipline with emphasis on the scientific study of the role of the family as society’s most basic institution, including ways in which the family interacts with the ecosystem, how family roles and relationships are changing in response to cultural and technological changes, and the internal processes of the family which influence the growth and well-being of individuals and the resulting impact of such influence upon society as a whole. OFFERED: Sem. I, II.

LEAD 2300 Social Problems and Their Impact on the Workplace (Adults Only) 3 hrs. (3, 0)

This course presents an analysis of major contemporary social problems, especially in the United States. Particular attention is given to the problems of poverty, racism, sexism, drug and alcohol abuse, illiteracy, and their impact on the contemporary workplace. Consideration is given to diverse sociological perspectives with regard to these problems and their causes, consequences, and solutions.

W6. GLOBAL/INTERCULTURAL WAYS OF KNOWING: Modern Foreign Languages Requirement: 4 hours One foreign language course (4) based on departmental placement plus one global/intercultural or additional foreign language course

FREN 1010 Elementary French I 4 hrs. (3, 1)

Emphasizes development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of Francophone cultures. Individual online or outside language laboratory work is required. Placement. OFFERED: Sem. I, II.

FREN 1020 Elementary French II 4 hrs. (3, 1)

Emphasizes development of fundamental language skills (listening, speaking, reading, and writing) and appreciation of Francophone cultures. Individual online or outside language laboratory work is required. Placement or FREN 1010. OFFERED: Sem. I, II.

FREN 2010 Intermediate French I 4 hrs. (3, 1)

Emphasis on increasing language proficiency in the areas of listening, speaking, reading, and writing through grammar review. Increased emphasis on understanding the diverse Francophone cultures through cultural readings, films, internet, and other sources. Individual online or outside language laboratory work is required. Placement or FREN 1020. OFFERED: Sem. II.

FREN 2020 Intermediate French II 4 hrs. (3,1)

Emphasis on increasing language proficiency in the areas of listening, speaking, reading and writing through grammar review. Increased emphasis on understanding the diverse Francophone cultures through cultural readings, films, internet, excerpts from literature, and other sources. Individual online or outside language laboratory work is required. Placement or FREN 2010. OFFERED: Sem. II with sufficient demand.

GERM 1010 Elementary German I 4 hrs. (3, 1)

Emphasizes development of fundamental language skills (listening, speaking, reading and writing) and appreciation of Germanic cultures. Individual online or outside language laboratory work is required. Placement. OFFERED: Sem. I, II.

GERM 1020 Elementary German II 4 hrs. (3, 1)

Emphasizes continued development of fundamental language skills (listening, speaking, reading and writing) and appreciation of Germanic cultures. Individual on-line or outside language laboratory work is required. Placement or GERM 1010. OFFERED: Sem. II.

GERM 2010 Intermediate German I 4 hrs. (3, 1)

Communicative tasks and culture-oriented readings. Continued development of basic skills in reading, writing, listening, and speaking. Individual online or outside language laboratory work is required. Placement or GERM 1020. OFFERED: With sufficient demand.

SPAN 1010 Elementary Spanish I 4 hrs. (3, 1)

Emphasizes development of fundamental language skills (listening, speaking, reading and writing) and appreciation of Spanish-speaking cultures. Individual online or outside language laboratory work is required. Placement. OFFERED: Sem. I, II.

SPAN 1020 Elementary Spanish II 4 hrs. (3, 1)

Emphasizes continued development of fundamental language skills (listening, speaking, reading and writing) and appreciation of Spanish-speaking cultures. Individual online or outside language laboratory work is required. Placement or SPAN 1010. OFFERED: Sem. I, II.

SPAN 2010 Intermediate Spanish I 4 hrs. (3, 1)

Emphasis on increasing language proficiency in the areas of listening, speaking, reading, and writing through review of beginning Spanish as well as increased emphasis on understanding the diverse Spanish speaking cultures through cultural readings, films, internet, and other sources at the intermediate level. Individual online or outside laboratory work is required. Placement or SPAN 1020. OFFERED: Sem. I, II.

SPAN 2020 Intermediate Spanish II 4 hrs. (3, 1)

Emphasis on increasing language proficiency in the areas of listening, speaking, reading, and writing through review of beginning Spanish as well as increased emphasis on understanding the diverse Spanish speaking cultures through cultural readings, films, internet, and other sources at the intermediate level. Individual online or outside laboratory work is required. Placement or SPAN 2020. OFFERED: Sem. I, II.

SPAN 3010 Spanish Composition [WI] 4 hrs. (4, 0)

This course builds upon intermediate Spanish to introduce students to authentic readings, short films, and songs at the early advanced level. It emphasizes the skill areas of reading and writing to help students develop the writing skills needed for such common tasks as blogging, storytelling, reporting upon events, and persuading others in a formal essay. Students will work towards the goal of having their language be understood by native speakers who do not regularly interact with non-natives. Required of all Spanish majors and minors. Placement or SPAN 2020. OFFERED: Sem. I, II.

MLAN 2000 Language and Society* 4 hrs. (4, 0)

This course introduces the study of language in the context of historical, grammatical, biological, and social issues. Our nationalities, our family histories, our speech communities, our social standings, and our educations all influence the ways in which we use language. This course examines the many ways people use and manipulate language according to their individual backgrounds to make themselves understood and/or to achieve specific goals in different social settings. OFFERED: Sem. II.

BIBL 2110 **Beginning Hebrew I** **4 hrs. (4, 0)**
Study of the basic principles of biblical Hebrew grammar and syntax, with reading and writing exercises with an emphasis on understanding the culture of the text's production and reception. Acquisition of a basic vocabulary of 150-200 words is expected. BIBL 2110 and BIBL 2120 together fulfill the liberal arts area Global and Intercultural Ways of Knowing: Ancient Foreign Languages. OFFERED: Sem. I.

BIBL 2120 **Beginning Hebrew II** **4 hrs. (4, 1)**
Continuation of Beginning Hebrew I. Study of biblical Hebrew grammar and syntax, with reading and translation of selected narrative passages and an emphasis on understanding the culture of the text's production and reception. Second-year Hebrew is strongly recommended after this course for facility in the Hebrew text of the Hebrew Bible. BIBL 2110 and BIBL 2120 together fulfill the liberal arts area Global and Intercultural Ways of Knowing: Ancient Foreign Languages. PREREQUISITE: BIBL 2110 or equivalent. OFFERED: Sem. II.

BIBL 2210 **Beginning Greek I** **4 hrs. (4, 0)**
Basic principles of grammar, with reading and writing exercises. Acquisition of basic vocabulary. Reading in selected passages with an emphasis on understanding the culture of the text's production and reception. This course is foundational for any further work in Greek (biblical or classical). BIBL 2210 and BIBL 2220 together fulfill the liberal arts area Global and Intercultural Ways of Knowing: Ancient Foreign Languages. OFFERED: Sem. I.

BIBL 2220 **Beginning Greek II** **4 hrs. (4, 0)**
Continuation of Beginning Greek I. Basic principles of grammar, with reading and writing exercises. Acquisition of basic vocabulary. Reading in selected passages. This course is foundational for any further work in Greek (biblical or classical). BIBL 2210 and BIBL 2220 together fulfill the liberal arts area Global and Intercultural Ways of Knowing: Ancient Foreign Languages. PREREQUISITE: BIBL 2210 or equivalent. OFFERED: Sem. II.

* International students who have completed their secondary schooling in a language other than English take either a foreign language course (placement testing may be required) or MLAN 2000.

W7. GLOBAL/INTERCULTURAL WAYS OF KNOWING: Global/Intercultural *Requirement: 3 hours*

BIBL 3310 **Archaeological History of the Ancient Near East** **3 hrs. (3, 0)**
Principles, problems, and contributions of archaeology as related to ancient civilizations from Sumer to fall of Rome. OFFERED: Sem. I.

BSNS 3120 **Global Business** **3 hrs. (3, 0)**
The importance of thinking globally and understanding the legal, technological, and economic differences that affect business practice are explored through readings and projects. The focus is on the global changes that are impacting national sovereignty, regionalization, and the balance of economic and political power. OFFERED: Sem. I, II.

COMM 3050 **Global Communication** **3 hrs. (3, 0)**
Online course focusing on international and intercultural aspects of communication. Includes a spring break international travel option that allows for in-depth study of the subject matter. OFFERED: Sem. II, 2021-22.

DANC 3000 **Dance in the Global Community** **3 hrs. (3, 0)**
Dance, symbolism, and the mind-body-spirit triad are used to explore diverse cultures and the inseparable nature of art, life, and sacred and secular practices. No previous dance experience required. OFFERED: Sem. II.

EDUC 3550 **Intercultural Education** **3 hrs. (3, 1)**
Introduction to theory and practice of intercultural communication, cross-cultural and international experiences, and teaching with a global perspective. Emphasizes an understanding and respect for cultural, racial, geographical, and religious differences and the impact these differences have on educational/teaching theories and practices. This course is concurrent with EDUC Tri-S participation where work with children and educators will be the primary focus. Grade of C or better required. OFFERED: Summer Session I.

ENGL 2220 **Global Literature** **3 hrs. (3, 0)**
Surveys representative 20th-century and contemporary literature from the several inhabited continents. Seeks to explore both the diversity and commonality of the global community in the social, political, ethical, and cultural dimensions. This course applies to the liberal arts speaking-intensive requirement.

ENGR 2080 **Service Through Engineering & Technology** **3 hrs. (3, 0)**

Introduction to humanitarian engineering and social entrepreneurship. This course focuses on the challenges and opportunities present throughout society. Frugal innovation and alternative resources are applied to these challenges in under-developed and under-represented societies. Explanation is given to demonstrate the moral obligations engineers have to improve quality of living and the environment. Emphasis is given to service learning with the effects and consequences therein. OFFERED: Sem. II.

ENGR 2090 **Systems Engineering** **3 hrs. (3, 0)**

This course focuses on various aspects of systems engineering including risk analysis, engineering economics, project planning, and the product development lifecycle. This course is heavily project based. PREREQUISITES: ENGR2001 Intro Engin and 2002 Mech Lab and 2003 Elect/Comp Lab.

MLAN 2000 **Language and Society** **4 hrs. (4, 0)**

This course introduces the study of language in the context of historical, grammatical, biological, and social issues. Our nationalities, our family histories, our speech communities, our social standings, and our educations all influence the ways in which we use language. This course examines the many ways people use and manipulate language according to their individual backgrounds to make themselves understood and/or to achieve specific goals in different social settings. OFFERED: Sem. II.

MLAN 3400 **The French and Spanish-Speaking Caribbean** **3 hrs. (3, 0)**

Explores the dynamic convergence of cultures, races, and religions that comprise the French- and Spanish-speaking Caribbean. Primary focus is placed on the cultures of Haiti, the French Antilles, Cuba, Puerto Rico, and the Dominican Republic, through their history, literature, language, politics, art, and religious expression. Emphasis is put on the complex interrelation of these elements, which have formed the contemporary identity of the region. This course is taught in English. OFFERED: Sem. II.

HIST 3100 **Ancient History** **3 hrs. (3, 0)**

Study of ancient Greek and Roman civilizations. Particular attention is devoted to social and political history of both societies, and to a consideration of their lasting cultural bequest to the West. OFFERED: Sem. I.

HIST 3190 **Jewish Holocaust and its Historical Perspective** **3 hrs. (3, 0)**

Examines the destruction of European Jewry by the government of Nazi Germany from 1933 to 1945. Topics include the history of anti-Semitism in Europe, National Socialist racial ideology, Jewish resistance, attitudes of churches toward Nazi policies, development of death camps as the “final solution,” and non-Jewish victims of Holocaust terror. PREREQUISITE: Upper-division standing. OFFERED: Sem. I, II.

HIST 3240 **History of Russia and the Soviet Union** **3 hrs. (3, 0)**

Examines the development of the Muscovite state and the rise of the Russian “federation” and tsarist system, imperial ambitions and an unruly empire, the influence of the Orthodox Church and its symbiotic relationship with the government, Russian literature and music as a reflection of Russian culture, the revolutions of 1905 and 1917 and the subsequent rise of the Soviet Union, the Cold War, and the downfall of the Soviet Union and its consequent splintering into 15 separate republics. PREREQUISITE: Upper-division standing. OFFERED: Sem. II.

HIST 3250 **History of the Cold War** **3 hrs. (3, 0)**

Examines at length the roots of the Cold War; the tension between the United States and the Soviet Union, particularly after the conclusion of World War II, and the causes of the continued strained relations; the national and cultural influences of the Cold War (the Red Scare and the space race, to name just two); the impact of the Cold War on global relations and decolonization in the Third World, and the benefits and/or limitations of alignment; the historiography of Cold War schools of thought; why and how the Cold War ended; and the long-term impact of the Cold War. Particular emphasis is placed on the need to understand, in a non-biased manner, the positions and influences of the nations involved. OFFERED: Sem. II.

HIST 3260 **Women in the World, 1800 to Present (WI)** **3 hrs. (3, 0)**

This course covers a broad history of the role of women throughout the world from approximately the end of the 18th century to modern times. A brief examination of the lives of western women will provide a basis for discussion of the political, cultural, economic, and theological influences on women in Asia, Africa, and the Middle East specifically, with additional attention being paid to women in Latin America and India. Considerable time will be spent discussing the changing roles of women over the course of two centuries. PREREQUISITE: Upper-division standing. OFFERED: Sem. I, II.

- HIST 3280** **The Age of Global Empires** **3 hrs. (3, 0)**
 Considers European expansion in the 19th century and the consequences of that interaction on three continents – Europe, Asia, and Africa. Examines French, British, American, Dutch, and Italian empires, gauges the impact of Western intrusion upon indigenous societies, and considers the ways in which the colonized peoples understood what was happening, as well as the outside world’s impact upon the West. Prerequisite: Upper-division standing. OFFERED: Sem. I.
- HIST 3300** **Middle East (WI)** **3 hrs. (3, 0)**
 Survey of Middle Eastern history since the rise of Islam. Emphasis on the 18th century to the present, including the impact of the West on the Middle East. PREREQUISITE: Upper-division standing. OFFERED: Sem. II
- HIST/RLGN 3320** **World Religions** **3 hrs. (3, 0)**
 Introduction to the major tenets and cultural expressions of selected religions, such as Islam, Taoism, Buddhism, Jainism, Hinduism, Judaism, and Christianity. Religions are compared and contrasted thematically, structurally, and culturally. Emphasis is placed on the interdependence of religions and cultures, and on what it means to be a responsible citizen in a globalized world. PREREQUISITE: Upper-division standing. OFFERED: Sem. II.
- HIST 3360** **History of Modern Asia** **3 hrs. (3, 0)**
 This course focuses on the histories of China, Japan, Korea, India, and Vietnam, including, the foundational values (religions, philosophies and customs) of each culture; their political and economic structures; their struggles to retain autonomy against Western encroachment as well as their inter-Asian rivalries and cooperation; the challenges of preserving historical traditions and values in a modern world, particularly when tempted by the rapid technological advancement of the 19th century; 20th century conflicts (including two world wars, the Korean War, the Vietnam War, and the Cold War); and current issues faced by these countries in the 21st century. OFFERED: Sem. I.
- HIST 3370** **General History of Latin America** **3 hrs. (3, 0)**
 Pre-Colombian civilizations and the results of their clash with European cultures, formation of Latin American culture and character, past and present movements for political and economic independence, and the role of the United States in shaping the current socioeconomic situation. PREREQUISITE: Upper-division standing. OFFERED: Sem. II.
- HIST 3425** **Slavery and Freedom in the Modern World, 1800 to the Present (WI)** **3 hrs. (3, 0)**
 This course examines the institutions of slavery and their demise during the “Age of Emancipation” in the 19th century, focusing particular attention on the emancipation process in the United States, England, Brazil, and the Caribbean. Also connects these historical events and debates to modern debates regarding liberty, forced labor and Christian ethics in the modern era. OFFERED: Sem. I.
- HNRS 3221** **Traditionalism and Globalization (WI)** **3 hrs. (3, 0)**
 Examines the bridges and barriers among various cultures of the world through a historical analysis. Open to honors program students only.
- LEAD 4550** **Diversity and Intercultural Humility (Adults Only)** **3 hrs.**
 With the explosion of technology and the increase in global communication, the world is becoming ever more connected. Similarly, the United States has become, over the preceding decades, increasingly diverse. Individuals who want to be successful must acquire the competencies that will allow them to work with people of varied backgrounds. To this end, our academic task will include not only the definition of key terms and concepts integral to the diversity discussion but also the honing of sensitivities and skill sets necessary for mutually enriching intercultural interaction.
- MUSC 2330** **Introduction to World Music** **3 hrs. (3, 0)**
 Provides a framework for experiencing and understanding music from a variety of cultures, Western and non-Western. Focus on belief systems, social organization, cultural contexts, and musical materials for the purpose of identifying similarities and differences between cultures. EXPECTATION: ability to read standard music notation. OFFERED: Sem. II.
- POSC 3320** **Civilian Perspectives on Political Violence** **3 hrs. (3, 0)**
 Examines the causes and consequences of political violence from an interdisciplinary perspective, with an emphasis on case studies of modern terrorism and counterterrorism policy. Also studies the relationship between faith, morality, and the ethical conduct of foreign policy. PREREQUISITE: Grade of C- or better in POSC 2030 and upper-division standing. OFFERED: Sem. I.

POSC 3450 **Politics of the Modern World** **3 hrs. (3, 0)**

Explores issues and theoretical concepts from the fields of comparative politics, international relations, and public policy of relevance to current events. Course will examine the politics of five (5) nations currently in the news, exploring topics such as education, development, migration, religion, poverty, debt, corruption, public health, human rights, technology, political participation, conflict, and other contemporary issues. PREREQUISITE: Upper-division standing. OFFERED: Sem. I.

SOCI 2450 **Intro to Race and Ethnicity in America** **3 hrs. (3, 0)**

Introduces students to the basic concepts and major issues regarding the understanding of race and ethnicity sociologically. Contemporary and historical issues with racism, prejudice, and discrimination are discussed. A perspective of “sociological imagination” where one tries to understand the intersection between individual biography and social structural history is modeled and encouraged in the course. Examples of positive and negative cases of inter-group interaction are examined.

SOCI 3470 **Environmental Sociology** **3 hrs. (3, 0)**

Examines the interplay among the biophysical environment, social organization, and human social behavior with a focus on the social and environmental consequences of the organization of daily life. Students will study how various societal institutions and structures influence the definition of and response to the physical environment. PREREQUISITE: Upper-division standing

SPAN 3020 **Spanish Conversation** **4 hrs. (3, 1)**

Designed to increase students’ abilities to deal orally and culturally with a variety of subjects related to everyday life, employment, current events, and travel. Includes review of Spanish grammar, development of more fluent command of oral patterns, and more active control of vocabulary. Practice with native Spanish speakers required in a practicum setting. Required of all Spanish majors and minors. EXPECTATION: SPAN 2020.

SPAN 3101 **Spanish for Health Care** **4 hrs. (4, 0)**

Designed for students combining a Spanish major or minor with a major in an area of business, health care, ministry, social work or law enforcement, this course will give students the linguistic and cultural knowledge needed to function in Spanish in their designated fields. Only one section of Spanish 310X may be counted toward completion of the Spanish major or minor. EXPECTATION: SPAN 2020.

SPAN 3102 **Spanish for Ministry** **4 hrs. (4, 0)**

Designed for students combining a Spanish major or minor with a major in an area of business, health care, ministry, social work or law enforcement, this course will give students the linguistic and cultural knowledge needed to function in Spanish in their designated fields. Only one section of Spanish 310X may be counted toward completion of the Spanish major or minor. EXPECTATION: SPAN 2020.

W8. EXPERIENTIAL

This is an experiential learning activity that will be fulfilled by a course, internship, practicum, capstone, clinical, or approved Academic department activity.

Speaking Intensive Courses

One Oral Communications Intensive class course beyond COMM 1000

ARTS 4950 **Comprehensive Projects II** **4 hrs. (4, 0)**

Students prepare portfolios, written inquiry papers, and concluding exhibitions. It is recommended that visual arts education majors complete student teaching in the semester preceding this course. EXPECTATION: Passed foundations and advanced reviews. CONSENT: Faculty panel.

ATRG 4910 **Seminar in Athletic Training** **2 hrs. (2, 0)**

Overviews research methodology in athletic training. Prepares students for the BOC examination and entry into the profession. Capstone course in athletic training. Selected topics of current interest in sports medicine. Require the development and presentation of an independent research project. PREREQUISITE: Athletic training major in good standing; senior standing.

BSNS 3210 **Buyer/Seller Relations** **3 hrs. (3, 0)**
Emphasis on essential qualities, right mental attitudes, and emotional control, as well as good selling skills necessary to sell self, services, and products. PREREQUISITE: BSNS 2810.

BSNS 4480 **Leadership** **3 hrs. (3, 0)**
To develop knowledge and critical understanding of the main theoretical concepts, current research and approaches to leadership in organizations and at different organizational levels, and to identify those most valuable to management in a modern, global and ethical context. This course will lead to an understanding of the social influence processes and dynamics of power and politics in organizations. PREREQUISITE: BSNS 2710, 2810, 3200; ACCT 2020; senior standing.

CHEM/BIOL/PHYS 4910 **Science Seminar I** **1 hr. (1, 0)**
Techniques and practice of written and oral technical communication with respect to experimental or library research projects. Required of all science majors. Both CHEM/BIOL/PHYS 4910 and 4920 must be completed to receive advanced writing competency (writing intensive) and speaking intensive credit. PREREQUISITE: Science major. OFFERED: Fall

CHEM/BIOL/PHYS 4920 **Science Seminar II** **1 hr. (1, 0)**
Techniques and practice of written and oral technical communication with respect to experimental or library research projects. Required of all science majors. Both CHEM/BIOL/PHYS 4910 and 4920 must be completed to receive advanced writing competency (writing intensive) and speaking intensive credit. PREREQUISITE: Science major. OFFERED: Spring.

CMIN 3910 **Ministry Seminar** **3 hrs. (3, 0)**
This course addresses issues important to ministry in multiple settings. A variety of ministry practices become the means by which to explore the many dimensions of the focal issues(s). Topics include hunger and poverty, justice and reconciliation, life commitments and transitions, leadership and organizational life, and loss, illness, and end of life. Required for the Christian ministries major and youth ministries major. PREREQUISITE: CMIN 2000; RLG 2150.

COMM 2550 **Appreciation of Great Speeches** **3 hrs. (3, 0)**
Examination of historic and contemporary speeches to develop understanding and appreciation of the elements by which great speeches are valued. PREREQUISITE: COMM 1000. OFFERED: Each spring.\

COMM 3420 **Cinema Studies** **3 hrs. (3, 0)**
An overview of motion pictures, including history, elements of production, and the critique. Involves the review of several major motion pictures and the context of their creation. This course applies to the liberal arts speaking-intensive requirement. OFFERED: Sem. I.

CPSC 4960 **Senior Design Capstone II** **2 hrs. (1, 2)**
Students continue to apply software engineering principles, focusing on overall project design, facilitating teamwork, and further building their critical-thinking, written, and oral communication abilities. PREREQUISITE: CPSC 4950.

CRIM 4900 **Criminal Justice Seminar** **3 hrs. (3, 0)**
Senior capstone course involving intensive reading and discussion of materials focused on issues related to current topics on crime, criminological theory, and applied policy, as well as career pursuits in criminal justice and related professional issues. CONSENT: Instructor. PREREQUISITE: CRIM 2510, 2520; upper-division standing.

DANC 3050 **Dance Pedagogy** **3 hrs. (3, 0)**
Explores the theories and practices of teaching modern and ballet classes and the basic structures and theories behind all dance classes. Students develop a critical eye for correcting technique in dancers and begin the process of building their own approach to teaching. OFFERED: Semester II.

EDUC 4120 **Organization and Management for the Elem Classroom** **4 hrs. (4, 0)**
Culminating experience designed to allow teacher candidates to integrate the skills of teaching with effective classroom management techniques. This course emphasizes classroom management, lesson design, and classroom culture. A practicum experience is embedded in the course and merged with the coursework to focus on managing

the learning environment in order to enhance student success. This is a writing intensive course. Required of all Elementary Education majors. Grade of C or better is required. Admission to professional semester is required.

EDUC 4710 Management/Organization/Methods in Sec Classroom 4 hrs. (4, 0)

This course focuses on strategies to meet the special needs of young adolescent and young adult students. Physical, emotional, social, and intellectual issues are a foundation for developmentally appropriate instruction. Designed as a sequel to the middle school course, this course emphasizes classroom management, lesson design, and classroom culture. A practicum experience is embedded and merged with the coursework to focus on managing the learning environment in order to enhance student success. This is a writing-intensive course. Required of all senior high/middle school education majors. Grade of C or better is required. Admission to professional semester.

ENGL 3050 History of the English Language 3 hrs. (3, 0)

Investigates the origins and development of the English language. Particular emphasis on social and political forces that have influenced the development of the language. PREREQUISITE: ENGL 1120.

ENGL 2220 Global Literature 3 hrs. (3, 0)

Surveys representative 20th-century and contemporary literature from the several inhabited continents. Seeks to explore both the diversity and commonality of the global community in the social, political, ethical, and cultural dimensions. PREREQUISITE: Upper-division standing.

ENGR 4960 Engineering Senior Design II 2 hrs. (2, 0)

Building on ENGR 4950. Applications of design principles to a capstone engineering project. Projects are team based and include developing design specifications, conceptual designs, and final designs. Project requirements include significant oral and written communication components. Students pursuing more than one major in engineering must complete a two-semester sequence in senior design for each major. PREREQUISITE: ENGR 4950.

EXSC 4920 Seminar in Exercise Science 2 hrs. (2, 0)

Investigates selected topics of current interest in exercise and health science. Capstone course in exercise science. Requires a written and oral presentation of a creative project involving either applied, experimental, or library research. PREREQUISITE: Exercise science major, senior standing.

FLAN 4900 Senior Seminar in Foreign Languages 3 hrs. (3, 0)

Addresses openness to truth and Christian commitments and practices from a global perspective of foreign languages and cultures. Includes required readings, in-depth discussions, and a major project and presentation. Taught in English. Required of all Spanish teaching and non-teaching majors. Recommended for French and Spanish minors. CONSENT: Instructor. OFFERED: Spring semester each year.

HIST 2300 Historical Inquiry 3 hrs. (3, 0)

Examines various approaches to historical research, major bibliographical tools, varieties of history, and philosophies of history.

HIST 2350 Foundation of Public History 3 hrs. (3, 0)

Required introduction for students in public history, examining the role and function of the public historian, the conditions of the primary settings in which history is presented to the broader public, and contemporary theory and practice in the discipline.

HIST 4930 Senior Seminar 1 hrs. (1, 0)

Capstone course for the major. Students will integrate concepts, knowledge, skills, methods, approaches and practical experience from their major studies. Prerequisite: senior standing. OFFERED: Spring semester.

HNRS 2125 The Scholar as Servant Leader 2 hrs. (2, 0)

Focuses on the biographies of great men and women who were cast into positions of leadership, and analyzes what is to be understood of their personal formation and qualities as leaders.

LART 4500 Critical Thinking and Transformative Development 3 hrs. (3, 0)

Course focuses on transforming learning from the classroom to the real world through the assessment and development of the five major areas and 15 subcomponents of emotional intelligence (EQ). Students incorporate a

variety of methods to enhance the critical thinking skills and EQ skills necessary to positively affect the decision-making skills and personal, collegiate, and professional relationships that define success.

LEAD 4990 Action Research Project 3 hrs.

The research project is a major research effort designed to enhance knowledge in an area related to one's work or community, to provide research skills, and to assist in effective decision-making. Statistical analysis concepts and methods assist the student in identifying a problem area, collecting data, proposing a solution and measuring results. Each student gives an oral report of a project findings.

MATH 4000 Problem Seminar 2 hrs. (2, 0)

Introduction to research techniques based on problems from parts of the regular curriculum such as calculus, linear algebra, probability, and statistics. Emphasis on problems from the required core of the curriculum — problems that are integrative in nature. PRE/COREQUISITE: MATH 4100 or 4200. OFFERED: Semester I.

MUBS 3350/BSNS 3330 Music Marketing 3 hrs. (3, 0)

Recent trends in music marketing. Teams conduct a focus group, SWOT analysis, and write a marketing plan for an independent artist. CONSENT: Department. PREREQUISITE: MUBS 2010, 2020. OFFERED: Semester I. SAME AS: BSNS 3330.

MUED 3110 Music in the Elementary School 3 hrs. (3, 0)

Materials and methods of teaching music in the elementary school. Observation opportunities for music majors. EXPECTATION: Successful completion of UDPE. OFFERED: Semester I.

MUED 3350 Voice Pedagogy 2 hrs. (2, 0)

Preparation in methods used in the art of singing through the organization of vocal terminology and techniques. Includes teaching experience. EXPECTATION: Successful completion of UDPE. OFFERED: Semester I.

MUSC 4955 Senior Project 3 hrs. (3, 0)

Senior capstone performance or creative project for the Bachelor of Arts in Music. A proposal for the senior project must be submitted for approval. See School of Music, Theatre, and Dance Handbook for guidelines and deadlines. CONSENT: Department. OFFERED: Each semester.

MUTR 3210 Musical Theatre Styles I 2 hrs. (2, 0)

A practical application course which focuses on learning the ways in which musical and textual understanding inform the interpretation and performance of acting through song, from the 1920s to the early 1960s. PREREQUISITE: Upper-division standing. OFFERED: Semester I. SAME AS: THEA 3210.

NURS 4960 Leadership Capstone 4 hrs. (3, 3-45 clinical hrs.)

Builds on previous nursing courses as the student moves towards becoming a competent general nurse, who is a provider, designer, manager, and coordinator of care. Includes a practicum, which allows the student to integrate new practice-related knowledge and skills. Critically analyzes leadership principles and management strategies and how they affect the organization and influence patient outcomes. Examines and applies total quality improvement processes and tools which impact patient safety and meet regulatory requirements. Analyzes the utilization and control of financial and human resources to promote quality patient care and optimize professional practice. The nurse as consumer advocate is emphasized. This course applies to liberal arts speaking-intensive requirement. PREREQUISITE: NURS 4451, NURS 4470. COREQUISITE: NURS 4521, NURS 4950, NURS 4970. OFFERED: Sem 2

PETE 4900 Tech Application in Sport, Physical Activity, & Rec. 2hrs. (2, 1)

Investigates and applies techniques and practice in the use of technology-based media, which supports and enhances sport, physical activity, and recreation programs. Emphasizes computer and smart phone applications that support teaching, coaching, and recreation (e.g., data bases, PowerPoint, screencast, geocaching, etc.)

POSC 3211 The Congress 3 hrs. (3, 0)

Study of the Congress, focusing upon its organizational structure, processes, and political behavior of its members. Particular emphasis on representation, congressional elections, congressional committees, party leadership, House-Senate differences, and legislative processes. PREREQUISITE: Upper-division standing. OFFERED: Sem I.

- POSC 3212 The Presidency 3 hrs. (3, 0)**
 An examination of the selection, tenure, succession and leadership of the American chief executive. Topics include presidential elections, presidential power, and presidential relations with Congress, the bureaucracy, and the courts. PREREQUISITE: Upper-division standing. OFFERED: Fall.
- POSC 3370 Intelligence and Security Studies 3 hrs. (3, 0)**
 Introduces students to the intelligence cycle (planning, collection, processing, analysis, and dissemination), the role of the intelligence community in the making and implementation of foreign policy, and a broad overview of the field of security studies. Intelligence needs are discussed with respect to both public and private sector actors. Also examines the moral and legal constraints on national security professionals. OFFERED: Sem II 2019-20.
- PSYC 3200 Living the Christian Faith in a Post-Modern World 3 hrs. (3, 0)**
 An examination of the interface of biblical principles as developed through the inductive study of contemporary approaches to understanding the world. Emphasizes the impact of such principles on faith and action.
- PSYC 4110 History and Systems 3 hrs. (3, 0)**
 The study of the evolution of thought in psychology from its inception as an experimental science to the development of its significant systems, issues, experiments, and theories of today. It provides a good preparation for the Graduate Record Examination in psychology. PREREQUISITE: PSYC 2000
- PSYC 4210 Capstone: Psychological Issues for Youth 4 hrs. (4, 0)**
 A unifying experience for all youth leadership-development majors to integrate their understanding of the problems of youth, potential methods of prevention and guidance, and special topics unique to this age group. Students will prepare presentations for use during their internship. PREREQUISITE: PSYC 2000, 2510, 2850; SOCI 2120, 3100, 3150. OFFERED: Fall.
- PSYC 4520 Capstone Research II 2 hrs. (1, 2)**
 A continuation of Capstone Research I. This year-long course (fall and spring) provides an opportunity for students to design, propose, and implement individual research projects. Students are expected to present their research findings to an appropriate audience. EXPECTATION: Students should be prepared to cover part of the costs for their projects and any registration fees for conferences. CONSENT: Instructor. PREREQUISITE: PSYC 4510. OFFERED: Spring.
- SOCI 4200 Social Stratification 3 hrs. (3, 0)**
 Examines the origin, operation and maintenance of various systems of stratification on both structural and interactional levels. Also considers the characteristics and impact of social class division and related inequality in American society. Theories of social stratification discussed. PREREQUISITE: SOCI 2010, 3700.
- SOCI 4950 Family Life Education Methodology and Professional Ethics and Practice 3 hrs. (3, 0)**
 Provides an understanding of the history, general philosophy, development, implementation, and evaluation of research and theory-driven community-based education and intervention programs for families. The course provides future family life educators with skills required to design, implement, and evaluate programs focused on addressing critical issues of development and human relationships across the lifespan. Students will also develop the ability to critically examine ethical questions and issues as they relate to professional practice. PREREQUISITE: SOCI 2100, 3100, 3210, 3140; senior standing OFFERED: Sem. II.
- SOWK 4850 Social Work Practicum 12 hrs. (Arranged)**
 Block field placement (472 hours) in social agency under professional supervision. Requires full-time availability for entire semester. PREREQUISITE: SOWK 4710. COREQUISITE: SOWK 4710, 4720, 4730.
- SPAN 3020 Spanish Conversation 4 hrs. (3, 1)**
 Designed to increase students' abilities to deal orally and culturally with a variety of subjects related to everyday life, employment, current events, and travel. Includes review of Spanish grammar, development of more fluent command of oral patterns, and more active control of vocabulary. Practice with native Spanish speakers required in a practicum setting. Required of all Spanish majors and minors. EXPECTATION: SPAN 2020.

THEA 3210 Musical Theatre Styles I 3 hrs. (3, 0)

A practical application course which focuses on learning the ways in which musical and textual understanding inform the interpretation and performance of acting through song, from the 1920s to the early 1960s.

PREREQUISITE: Upper-division standing. OFFERED: Semester II. Same as: MUTR 3210.

Writing Intensive Courses

Two Writing Intensive courses beyond ENGL 1120 (pre-requisite). One of the two courses must be upper-division.

ACCT 4900 Professional Ethics for Accountants 1 hrs. (1, 0)

A study of ethics for the accounting profession, with attention both to law and personal choice. PREREQUISITE: Senior standing.

ARTH 3030 Contemporary Art/Design 3 hrs. (3, 0)

A survey of the prevailing theories, art and design products, and practitioners that emerge from mid-twentieth century to the present. Students are expected to develop verbal and written skills in discussing contemporary visual products and to learn to identify significant characteristics of these products. This course is intended to promote the student's understanding of important ideas that shaped art and design practices and to expand knowledge of the debates regarding contemporary critical theory and criticism. PREREQUISITE: ARTH 2100.

ATRG 3440 Therapeutic Rehabilitation 3 hrs. (2, 2)

Students will have guided experiences in evaluation, treatment, disposition, and rehabilitation of sports-related injuries related to activities with high incidence of upper extremity injuries. Students will be tested throughout this course in both real-time and practice settings. PREREQUISITE: ATRG 2420, 2540; athletic training major in good standing.

ATRG 4550 Research in Athletic Training 1 hr. (2, 0)

The need for quality evidence-based practice is growing in all allied health profession. Student athletic trainers must be prepared to understand and utilize the evidence related to all aspects of athletic training. Likewise, students must learn how to add to the body of knowledge within athletic training. This course will discuss a variety of research methods including both qualitative and quantitative as they relate to athletic training and health care. Students will complete a case study and begin a year-long independent research project.

BIBL/RLGN 3000 History of Biblical Interpretation 3 hrs. (3, 0)

This course is a historically based study of the ways in which Christians have interpreted the Bible. The course considers the diversity of Christian interpretation as well as the development of Christianity as the biblical text was interpreted over time. PREREQUISITE: BIBL 2000; upper-division standing. SAME AS: RLG 3000. OFFERED: Fall semester.

BIOL 4050 Genetics 4 hrs. (4, 2)

Study of the principles of genetics including Mendelian, molecular, microbial, developmental, and behavioral genetics as well as cytogenetics and genomics. Laboratory experiences range from classical to molecular procedures and concepts. PREREQUISITE: BIOL 2240. OFFERED: Fall.

BIOL/CHEM/PHYS 4910 Science Seminar I 1 hr. (1, 0)

Techniques and practice of written and oral technical communication with respect to experimental or library research projects. Required of all science majors. Both BIOL 4910 and 4920 must be completed to receive advanced writing competency (writing intensive) and speaking intensive credit. PREREQUISITE: Science major. SAME AS: CHEM/PHYS 4910. OFFERED: Fall

BIOL/CHEM/PHYS 4920 Science Seminar II 1 hr. (1, 0)

Techniques and practice of written and oral technical communication with respect to experimental or library research projects. Required of all science majors. Both BIOL 4910 and 4920 must be completed to receive advanced writing competency (writing intensive) and speaking intensive credit. PREREQUISITE: Science major. SAME AS CHEM/PHYS 4920. OFFERED: Spring.

BSNS 3120 Global Business 3 hrs. (3, 0)

The importance of thinking globally and understanding the legal, technological, and economic differences that affect business practice are explored through readings and projects. The focus is on the global changes impacting national sovereignty, regionalization, and the balance of economic and political power. Applies to the liberal arts writing-intensive requirement. OFFERED: Sem. I, II.

BSNS 3330 Music Marketing 3 hrs. (3, 0)

Recent trends in music marketing. Teams conduct a focus group, SWOT analysis, and write a marketing plan for an independent artist. PREREQUISITE: BSNS 2030, 2040. OFFERED: Semester I. same as: MUBS 3350.

BSNS 4910 Seminar in Ethics and Leadership 1 hr. (1, 0)

This senior capstone course is designed to encourage students to seriously consider their individual responsibilities to the organization and to society. The Christian call to be “salt and light” is explored in an organizational context. PREREQUISITE: Senior standing.

CHEM 3100 Analytical Chemistry 4 hrs. (3, 6)

Review of equilibrium and its relationship to gravimetric and volumetric analysis. Statistical methods and an introduction to environmental chemistry. Several instrumental techniques are introduced. PREREQUISITE: CHEM 2110. OFFERED: Fall semester.

CMIN 4250 Theology in a Ministry Context 3 hrs. (3, 0)

In this capstone course required for Christian Ministries and Youth Ministries majors, students draw upon methods of congregational study, practical theology, and ministry experience to identify and address selected issues within a particular congregation. Includes written and oral presentations of ministry-related research. Applies to the liberal arts writing-intensive requirement. **EXPECTATION:** Completion of all internship hours and CMIN-captioned courses required by one’s major. PREREQUISITE: CMIN 4810. OFFERED: Sem. 1.

COMM 2130 Writing for the Media 3 hrs. (3, 0)

Research and writing in a variety of media, with an emphasis on news, features, public relations, and commercial copy. PREREQUISITE: COMM 2000, 2010. OFFERED: Each semester

COMM 2160 The Art of Storytelling 3 hrs. (3, 0)

Introduction to theme, plot, story arc, character, and narrative view as told through cinema and media arts. Particular emphasis on screenwriting. Additional topics include finding stories, adapting to the audience, and proper written form for different media. Includes daily writing assignments. PREREQUISITE: COMM 2000, 2010. OFFERED: Each spring.

COMM 3130 Advanced Newswriting and Reporting 3 hrs. (3, 0)

Study of advanced research, interviewing, and newswriting techniques, with emphasis on print, video, and new-media formats. PREREQUISITE: COMM 2130.

COMM 3220 Screenwriting 2 hrs. (2, 0)

Conception and scripting, of comedy, drama, and other genres. PREREQUISITE: COMM 2130.

COMM 3230 Advanced Feature and Magazine Writing 3 hrs. (3, 0)

Emphasis on conception and production of feature articles, including trend stories and personality profiles, for publication in newspapers and magazines as well as broadcast media. PREREQUISITE: COMM 2130.

COMM 3340 Public Relations Writing 3 hrs. (3, 0)

Writing of effective public relations materials, use of persuasion techniques, and study of procedures for dissemination of public information. PREREQUISITE: COMM 2130, 2240.

CPSC 4950 Senior Design Capstone I 2 hrs. (1, 2)

Students will apply software engineering principles through the development of significant projects. Course topics include discussion of ethical issues, career-readiness topics, and networking with guest speakers. PREREQUISITE: CPS 2100 and senior standing.

CRIM/SOCI 2510 The Nature of Crime and Social Deviance 4 hrs. (4, 0)

Examines the nature and extent of crime, juvenile delinquency, and social deviance in the United States. Special attention is given to theoretical perspectives, scientific research and scholarship in criminology, and related factors which offer explanations for these behaviors. PREREQUISITE: ENGL 1120. PREREQUISITE OR CO-REQUISITE: SOCI 2010 or SOCI 2020.

DANC 3010 Dance History Survey 3 hrs. (3, 0)

A survey of the development of humankind through dance, from primitive times to the present, with special focus on ballet and dance in America. PREREQUISITE: A minimum of 4 credit hours in the DANC caption. OFFERED: Semester I.

EDUC 3120 Educational Assessment for the Classroom Teacher 3 hrs. (3, 0)

This course is designed to prepare elementary and secondary teacher candidates with a strong knowledge base about assessments and their use in the classroom today. Teacher candidates will learn what assessment is, when and how to use a variety of assessment strategies, how to create them, ways to interpret and analyze the data and results, and how to use these interpretations to inform their teaching practice. Students will design a comprehensive work unit based upon researched assessment practices, including gathering data and analyzing and interpreting their results. The comprehensive work unit will be submitted electronically via the TK20 website. Through reflective writing, students will be able to assess their understanding of assessment in the classroom and their growth in the appropriate use of a variety of assessment strategies. Grade of C or better required. Admission to the teacher education program required. PREREQUISITE: 2.75 GPA overall.

EDUC 4120 Organization and Management for the Elementary Classroom 4 hrs. (2, 10)

Culminating experience designed to allow teacher candidates to integrate the skills of teaching with effective classroom management techniques. Focus is on using data to develop effective management procedures and skills in order to allow students to make progress in the curriculum. Candidates will use action research to explore student and/or classroom behavior issues. This is a writing intensive course. Required of all Elementary Education majors. Grade of C or better is required. Expectation: Admission to professional semester is required. PREREQUISITE: 3.0 GPA in major/2.75 GPA overall, and senior standing.

EDUC 4710 Management, Organization, & Methods in the Sec. Classroom 4 hrs. (2, 10)

This course focuses on strategies to meet the special needs of young adolescent and young adult students. Physical, emotional, social, and intellectual issues are a foundation for developmentally appropriate instruction. Designed as a sequel to the middle school course, this course emphasizes classroom management, action research, lesson design, and classroom culture. A practicum experience is embedded in the course and merged with the coursework to focus on managing the learning environment in order to enhance student success. Work in the university classroom and in a secondary school placement (practicum) are expected. This is a writing-intensive course. Required of all senior high/middle school education majors. Grade of C or better is required. PREREQUISITE: Admission to professional semester is required, 3.0 GPA in major/a 2.75 GPA overall; senior standing.

ENGL 2500 Appreciation of the Writing Craft 2 hrs. (2, 0)

Defines and analyzes the fundamental elements and writing techniques of various creative genres, such as short fiction, poetry, literary non-fiction, and/or drama. Strongly recommended as a prerequisite to ENGL 3110, 3120 or 3180. Expectation: Grade of C or above in ENGL 1120. PREREQUISITE: ENGL 1120.

ENGL 3050 History of the English Language 3 hrs. (3, 0)

Investigates the origins and development of the English language. Particular emphasis on social and political forces that have influenced the development of the language. PREREQUISITE: ENGL 1120.

ENGL 3110 Creative Writing: Fiction 3 hrs. (3, 0)

Emphasizes techniques writers use in various modes of fiction. Awareness of writer's craft applied theoretically in analysis of short fiction and practically in students' own creative endeavors in short fiction. ENGL 2500 strongly recommended as a prerequisite. EXPECTATION: Grade of C or above in ENGL 1120. PREREQUISITE: ENGL 1120.

ENGL 3120 Creative Writing: Poetry 3 hrs. (3, 0)

Emphasizes techniques writers use in various modes of poetry. Awareness of poet's craft applied theoretically in analysis of poetry and practically in students' own creative endeavors in poetry. ENGL 2500 strongly recommended as a prerequisite. EXPECTATION: Grade of C or above in ENGL 1120. PREREQUISITE: ENGL 1120.

ENGL 3140 Writing and Digital Media 3 hrs. (3, 0)

Advances students' professional writing skills by developing four key digital literacies: interacting with, analyzing, researching, and producing digital media. Includes a focus on rhetorical and professional writing theory. Students will examine the role language plays in digital spaces and will gain skills to produce quality writing in digital spaces. EXPECTATION: Grade of C or above in ENGL 1120.

ENGL 3160 Professional Writing and Editing 3 hrs. (3, 0)

Focuses on reader-centered approaches to develop skills necessary in professions that require strong writing and editing ability. Designed for students of varied academic majors and occupational interests. EXPECTATION: Grade of C or above in ENGL 1120. PREREQUISITE: ENGL 1120.

ENGL 3180 Composing Nonfiction 3 hrs. (3, 0)

Advanced composition course that examines and practices the processes of nonfiction writing and the variety of "forms" that are available to nonfiction writers. Matters of style and voice will be examined closely. ENGL 2500 strongly recommended as a prerequisite. EXPECTATION: Grade of C or above in ENGL 1120. PREREQUISITE: ENGL 1120

ENGL 3190 Composing Arguments 3 hrs. (3, 0)

Advanced composition course that explores various models of argument, including persuasion, advocacy, consensus building, and classical rhetoric. Focuses on analyzing and composing multiple genres of written, visual, and digital argument. Audience accommodation, research, tone, and revision will be examined. EXPECTATION: Grade of C or above in ENGL 1120. PREREQUISITE: ENGL 1120.

ENGL 3500 American Literature of the Nineteenth Century 4 hrs. (4, 0)

Examines the positive Romanticism of Emerson, Thoreau, and Fuller; the dark Romanticism of Poe, Hawthorne, and Melville; and the social or psychological realism of James, Twain, Crane, Gilman, and Chopin. PREREQUISITE: ENGL 1120.

ENGL 3551 American Literature of the Twentieth Century 4 hrs. (4, 0)

Examines the major literary developments and the philosophical or social perspectives within American literature of the 20th century. Writers include Fitzgerald, Hemingway, Faulkner, Steinbeck, Wright, Updike, Vonnegut, and Morrison. PREREQUISITE: ENGL 1120.

ENGL 3580 Cross-Cultural American Literature 3 hrs. (3, 0)

Examines contemporary American poetry, fiction, and nonfiction, focusing on themes prominent in the literature of cross-cultural authors, such as assimilation, cultural adaptation, discrimination, identity formation, intergenerational family conflicts, oppression in the homeland, and linguistic challenges. PREREQUISITE: ENGL 1120.

ENGL 4550 American Poetry 4 hrs. (4, 0)

Examines the major voices and visions of American poetry by analyzing the work of 10 major American poets: Whitman, Dickinson, Frost, Stevens, Williams, Eliot, Moore, Bishop, Hughes, and Lowell. The work of more contemporary poets will be examined as well. PREREQUISITE: ENGL 1120.

ENGL 4700 Methods of Teaching English 3 hrs. (3, 0)

Surveys methods, materials, and resources used in teaching composition, language, and literature in middle schools and high schools. EXPECTATION: Should be taken in conjunction with COMM 4750. OFFERED: Semester I.

ENGL 4910 Senior Capstone Seminar 3 hrs. (3, 0)

Required for all English majors and writing majors. Open only to seniors. Students will complete a comprehensive project that will draw on the knowledge, skills, concepts, and methods they have accumulated through study in the other courses required for the major. This project will also prepare them for the work they will do in graduate school, in professional organizations, in the literary marketplace, or in corporate settings. PREREQUISITE: Senior standing and English major or writing complementary major.

ENGR 2090 Systems Engineering 3 hrs. (3, 0)

This course focuses on various aspects of systems engineering, including risk analysis, engineering economics, project planning, and the product development lifecycle. This course is heavily project based. This course applies to the liberal arts writing-intensive requirement. PREREQUISITE: ENGL 1120. OFFERED: Sem. II.

ENGR 4950 Engineering Senior Design I 2 hrs. (0, 4)

Applications of design principles to a capstone engineering project. Projects are team based and include developing design specifications, conceptual designs, and final designs. Project requirements include significant oral and written communication components. Examples of projects include inter- collegiate competition, industry sponsored, applied research, and service projects. Co-requisite: Senior standing in an engineering major.

ENGR 4960 Engineering Senior Design II 2 hrs. (0, 4)

Building on ENGR 4950. Applications of design principles to a capstone engineering project. Projects are team based and include developing design specifications, conceptual designs, and final designs. Project requirements include significant oral and written communication components. Students pursuing more than one major in engineering must complete a two-semester sequence in senior design for each major. PREREQUISITE: ENGR 4950.

EXSC 3480 Physiology of Exercise II 4 hrs. (3, 2)

An advanced course in the area of exercise and human performance. Which provides further in-depth examination of the physiological mechanisms responsible for both the acute and chronic changes which occur with exercise. PREREQUISITE EXSC 3470. Fee required. OFFERED: Sem.II.

EXSC 4910 Research in Exercise Science 3 hrs. (3, 0)

The need for quality evidence-based practice is growing in all allied health professions. Students must be prepared to understand and utilize the evidence related to all aspects of professional practice. This course will discuss a variety of research methods, including both qualitative and quantitative. Students will begin a yearlong independent research project. **FIRST OFFERED:** Sem. I.

EXSC 4920 Seminar in Exercise Science 2 hrs. (2, 0)

Investigates selected topics of current interest in exercise and health science. Capstone course in exercise science. Requires a written and oral presentation of a creative project involving either applied, experimental, or library research. PREREQUISITE: Exercise science major; senior standing.

FLAN 4900 Senior Seminar in Foreign Languages 3 hrs. (3, 0)

Addresses openness to truth and Christian commitments and practices from a global perspective of foreign languages and cultures. Includes required readings, in-depth discussions, and a major project and presentation. Taught in English. Required of all Spanish teaching and non-teaching majors. Recommended for French and Spanish minors. CONSENT: Instructor. OFFERED: Spring semester each year.

HIST 3260 Women in the World, 1800 to Present 3 hrs. (3, 0)

This course covers a broad history of the role of women throughout the world from approximately the end of the 18th century to modern times. A brief examination of the lives of western women will provide a basis for discussion of the political, cultural, economic, and theological influences on women in Asia, Africa, and the Middle East specifically, with additional attention being paid to women in Latin America and India. Considerable time will be spent discussing the changing roles of women over the course of two centuries. PREREQUISITE: Upper-division standing. OFFERED: Sem. I, II.

HIST 3300 Middle East 3 hrs. (3, 0)

Survey of Middle Eastern history since the rise of Islam. Emphasis on the 18th century to the present, including the impact of the West on the Middle East. PREREQUISITE: Upper-division standing. OFFERED: Sem. II.

HIST 3425 Slavery and Freedom in the Modern World, 1800 to the Present 3 hrs. (3, 0)

This course examines the institutions of slavery and their demise during the "Age of Emancipation" in the 19th century, focusing particular attention on the emancipation process in the United States, England, Brazil, and the Caribbean. Also connects these historical events and debates to modern debates regarding liberty, forced labor and Christian ethics in the modern era. OFFERED: Sem. I.

- HIST 3440** **Civil War and Reconstruction** **3 hrs. (3, 0)**
 An examination of the coming of the Civil War, the major figures in the North and the South, issues related to the conduct of the war, and the reconstruction of the nation following its conclusion. PREREQUISITE: Upper-division standing.
- HIST 3451** **United States from the Gilded Age to 1945** **3 hrs. (3, 0)**
 Focuses on the political, economic, social, psychological, and diplomatic influences that contributed to the United States emerging as the dominant world power in the 20th century. Particular emphasis is placed on the triple motivations — national security, economic health, and moral duty — that traditionally have driven American foreign policy. PREREQUISITE: Upper division standing.
- HIST 3452** **United States from 1945 to the Present** **3 hrs. (3, 0)**
 Focuses on U.S. history as the country emerged as the dominant power following World War II and faced a new struggle with the Soviet Union that became known as the Cold War. Particular attention will be given to the economic, geographic, and ideological threats — real and perceived — that influenced the decision-making process regarding foreign policy. Emphasis will also be placed on topics such as the Baby Boom, Johnson’s Great Society, Civil Rights, the Women’s Movement, and efforts of other groups to gain recognition, economic cycles, and political events. PREREQUISITE: Upper-division standing.
- HIST 3470** **The American West** **3 hrs. (3, 0)**
 A comprehensive examination of the history of the American West from the Louisiana Purchase to present day. Introduces issues of American expansion and settlement, relations with Native Americans and other peoples of color, and patterns of economic and cultural interaction and conquest in the Trans-Mississippi region. PREREQUISITE: Upper-division standing.
- HIST 3510** **Law, the Constitution, and War in American History, 1787 to Present** **3 hrs. (3, 0)**
 Examines the impact of war on American military, political, social, and economic institutions from the Revolution through the War on Terror. This will include the development of what has been called an “American way of war,” the role warfare has played in the development of the American political and legal system, and the interaction between warfare and broad American sociocultural development. Writing intensive.
- HNRS 3221** **Traditionalism and Globalization** **3 hrs. (3, 0)**
 Examines the bridges and barriers among various cultures of the world through a historical analysis.
- LEAD 4990** **Action Research Project** **5 hrs.**
 The research project is a major research effort designed to enhance knowledge in an area related to one’s work or community, to provide research skills, and to assist in effective decision-making. Statistical analysis concepts and methods assist the student in identifying a problem area, collecting data, proposing a solution and measuring results. Each student gives an oral report of a project findings.
- MUBS 3350** **Music Marketing** **3 hrs. (3, 0)**
 Recent trends in music marketing. Teams conduct a focus group, SWOT analysis, and write a marketing plan for an independent artist. CONSENT: Department. PREREQUISITE: MUBS 2010, 2020. OFFERED: Semester I. **SAME AS:** BSNS 3330.
- MUBS 3500** **Current Topics in Music Business** **1 hr. (1, 0)**
 Guided writing assignments and class presentations focusing on current topics of interest to students of the music business. The writing process will involve developing a topic proposal, an abstract, an annotated list of sources, and a project outline, as well as composing a moderate-length term paper to be presented to the class. PREREQUISITE: MUBS 2010, 2020. OFFERED: With sufficient demand.
- MUSC 3110** **History of Music: Medieval/Renaissance** **3 hrs. (3, 0)**
 General historical survey of music from classical antiquity through the Renaissance. PREREQUISITE: MUSC 2110. OFFERED: Semester I.
- MUSC 3120** **History of Music: Baroque/Classic** **3 hrs. (3, 0)**
 General historical survey of music from 1650 to 1800. PREREQUISITE: MUSC 2110. OFFERED: Semester II

- MUSC 3130** **History of Music: 19th and 20th Centuries** **3 hrs. (3, 0)**
 General historical survey of Western Art music from the 19th century to the present. PREREQUISITE: MUSC 2110. OFFERED: Semester I.
- MUSC 3170** **History of Music: Popular Music in the 20th Century** **3 hrs. (3, 0)**
 General historical survey of popular music from the late 19th century to the present, with emphasis on Western popular music. PREREQUISITE: MUSC 2110. OFFERED: Semester II.
- MUSC 3180** **History of Music: Lyric Theatre** **3 hrs. (3, 0)**
 General historical survey of lyric theatre — opera, operetta, revue, musical theatre — from the 17th century to the present. PREREQUISITE: MUSC 2110. OFFERED: Semester II,
- NURS 3391** **Evidence-Based Research** **3 hrs. (3, 0)**
 Introduces nursing research with an in-depth study of the steps of the research process. Analysis of nursing research studies will occur. Explores research design and application of evidence-based practice methodology. Students critique research articles and develop a proposal related to a topic of significance to the practice of nursing. It is recommended that the math requirement be met prior to enrolling in the course. This course applies to the liberal arts writing intensive requirement. PREREQUISITE: NURS 3351, ENGL 1120. COREQUISITE: NURS 3361. OFFERED: Sem. II
- NURS 4470** **Seminar in Nursing** **4 hrs. (4, 0)**
 Professional standards of moral, ethical, and legal conduct are discussed. Students assume accountability for personal and professional behaviors by reflecting on one's own beliefs and values as they relate to professional practice. Students identify personal, professional, and environmental risks that impact personal and professional choices on vulnerable populations. PREREQUISITE: NURS 3360, 3390. CO-REQUISITE: NURS 4450.
- PEHS 3340** **Sociology of Sport** **3 hrs. (3, 0)**
 Examines sports and its part in the lives of people, communities, and our society. Encourages students to ask critical questions regarding how sports impact the world in which we live. Investigates the influence of sports on children, gender, race, social class, media, the economy, and religion.
- PETE 2250** **Motor Behavior** **3 hrs. (3, 0)**
 Examines the forces that influence the acquisition of motor skill and movement patterns. Surveys growth and development patterns. Identifies characteristics of skilled movement forms. Reviews factors which impact the learning of skills like knowledge of results and performance. Discusses motivational patterns and sport interests. Surveys the sub-discipline of motor learning.
- PETE 4300** **Curriculum Development/Assessment in Physical Education** **3 hrs. (3, 2)**
 Examines the integration of content, instruction, and assessment to the principles and practices of program development. Requires the creation of teaching documents that shape the physical education curriculum. Provides a field experience that promotes the application of curriculum development in three age-level settings. Reviews administrative issues facing physical education teachers. Expectation: Completion of required activity classes. Prerequisite: Teaching major. PREREQUISITE or CO-REQUISITE: PETE 3750, 4260, 2.6 or higher GPA. EXPECTATION: Passed Praxis I.
- PHYS 3100** **Modern Physics Laboratory** **2 hrs. (0, 6)**
 Advanced experiments in modern physics, mechanics, electricity, magnetism, heat, and optics with emphasis on scientific methods and laboratory technique. PREREQUISITE: PHYS 2240, 2250. OFFERED: Spring semester.
- POSC 2400** **Political Science Research Methods** **3 hrs. (3, 0)**
 Provides a foundation for reading and interpreting research done by political scientists, as well as doing research and writing in political science courses. Focuses on principles for research design and the collection, analysis, and presentation of data. OFFERED: Fall semester.
- POSC 3211** **The Congress** **3 hrs. (3, 0)**
 Study of the Congress, focusing upon its organizational structure, processes, and political behavior of its members. Particular emphasis on representation, congressional elections, congressional committees, party leadership, House-Senate differences, and legislative processes. This course applies to the liberal arts speaking intensive requirement. PREREQUISITE: POSC 2400 and upper-division standing. OFFERED: Sem. I.

POSC 3310 Political Violence and Terrorism 3 hrs. (3, 0)

Examines the causes and consequences of political violence from an interdisciplinary perspective, with an emphasis on case studies of modern terrorism and counterterrorism policy. Also studies the relationship between faith, morality, and the ethical conduct of foreign policy. PREREQUISITE: Grade of C- or better in POSC 2030 and upper-division standing. OFFERED: Sem. I, 2013-24.

POSC 3320 Civilian Perspectives on Political Violence 3 hrs. (3, 0)

Explores the causes and consequences of political violence from the civilian perspective. Draws on insights from political science, sociology, psychology, history, and contemporary literature to understand why people participate in violent acts and the impact of political violence on the civilian population. PREREQUISITE: Upper-division standing. OFFERED: Sem. II.

POSC 3450 Politics of the Modern World 3 hrs. (3, 0)

Explores issues and theoretical concepts from the fields of comparative politics, international relations, and public policy of relevance to current events. Course will examine the politics of five nations currently in the news, exploring topics such as education, development, migration, religion, poverty, debt, corruption, public health, human rights, technology, political participation, conflict, and other contemporary issues. PREREQUISITE: Upper-division standing. OFFERED: Sem. II.

PSYC 2010 General Psychology Laboratory 2 hrs. (1, 1)

An introduction to the scientific method, inferential statistics, and journal report writing. Required of all psychology majors. PREREQUISITE: Psychology major or minor.

PSYC/SOCI 3010 Social Psychology 4 hrs. (4, 0)

An examination of the behavior of individuals in society, including the study of attitudes, Psychology — PSYC Courses, continued Anderson University Undergraduate College Catalog, 2015-2017 187 beliefs, prejudice, aggression, leadership, and altruism. PREREQUISITE: PSYC 2000. OFFERED: Spring.

PSYC 4510 Capstone Research I 2 hrs. (1, 2)

This yearlong course (semesters I and II) provides an opportunity for students to design, propose, and implement individual research projects. Students are expected to present their research findings to an appropriate audience. Expectation: Students should be prepared to cover part of the costs for their projects and any registration fees for conferences.

RLGN 3300 Beginnings of Christianity 3 hrs. (3, 0)

Study of origin and development of Christianity within its Jewish and Graeco-Roman environments up through the fourth-century Trinitarian debates. Special attention to the ways Christians answered the questions 'Who is God?' 'Who is Jesus?' 'Who are we?' and 'How should we live?'

SOCI 3700 Introduction to Social Research 4 hrs. (4, 0)

Introduction to methods and application of social research including issues of conceptualization of variables, research design, scientific sampling, quantitative and qualitative forms of analysis, evaluation research, an utilization of social research in policy, program, and practice settings. PREREQUISITE: SOCI 2010 or 2100; upper-division standing.

SPAN 3010 Spanish Composition 4 hrs. (4, 0)

Designed to help students develop writing skills in formal, informal, and idiomatic Spanish through review of Spanish grammar, vocabulary-building exercises, and development of more sophisticated syntactical patterns in the use of the written word. Students will practice different styles of writing, including journaling, summaries, and essays. Required of all Spanish majors and minors. Placement.

SPED 3120 Special Education Assessment for the Classroom Teacher 3 hrs. (3, 1)

Explores educational assessment practices for students with mild disabilities. Course will familiarize students in the administration and interpretation of formal and informal educational assessment instruments used for instructional decision-making and placement of students with special educational needs. Grade of C or better required. Admission to the teacher preparation program required. PREREQUISITE: SPED 2400; 2.75 GPA overall.