



## GLOBAL & TRANSNATIONAL STUDIES MAJOR

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Global and Transnational Studies focuses on the pressing international problems facing today's world. These issues are not simply about interplay of nations, national perspectives, or the study of different regions of the world. Instead, the issues revolve around problems such as the environment, economic development, social justice, global conflict, immigration, and cross-cultural connectivity – all of which are interdisciplinary, interconnected, and involve international cooperation.

### Requirements (33-36 hours):

- Core courses (12 hours): GTS 201, HIS 110, GTS 401, a third semester of foreign language (FLG 203)
- 3 regional electives (9 hours)
- 4 thematic electives (12 hours)
- 15 hours of the total major hours must be at the 300-level or above
- A grade-point average of 2.0 or higher in courses counted toward the major

Students may substitute experimental courses numbered 200 or 300 for electives listed in the worksheet with permission of the program coordinator.

Students with an interest in advanced study of a foreign language may choose to count an additional 200-level or 300-level language course toward their 9 hours of regional coursework.

It is strongly recommended that students majoring in Global & Transnational Studies spend at least one semester in an approved off-campus program.

**Honors Thesis:** Students majoring in Global & Transnational Studies who have a cumulative GPA of 3.30 or higher in the major may elect to write a senior thesis for honors recognition. "Graduate with Honors" will be noted on their transcript provided they complete the thesis with a grade of B or better. Students writing the thesis will complete GTS 401 (Research Seminar) and GTS 402 (Senior Thesis) during their junior and/or senior year.

Students who complete a thesis may substitute GTS 402 for one of their thematic course requirements.

You can find the course descriptions for all courses required for this major by clicking on the following links:

- [Business Course Descriptions](#)
- [Economics Course Descriptions](#)
- [Education Course Descriptions](#)
- [English Course Descriptions](#)
- [Environmental Science Course Descriptions](#)
- [French Course Descriptions](#)
- [Global and Transnational Studies Course Descriptions](#)
- [Geology Course Descriptions](#)
- [History Course Descriptions](#)
- [Humanities Course Descriptions](#)
- [Philosophy Course Descriptions](#)
- [Political Science Course Descriptions](#)
- [Psychology Course Descriptions](#)
- [Religious Studies Course Descriptions](#)
- [Security Studies Course Descriptions](#)

**Major: GLOBAL & TRANSNATIONAL STUDIES**

Student's Last Name

First Name

Middle Initial

Advisor

Date Major Declared

Course #	Title of Course	Hours Required	Semester Completed	Grade
<b>Required Courses (12 hours)</b>				
GTS 201	Introduction to Global & Transnational Studies	3		
HIS 110	World History II	3		
FLG 203	3 <sup>rd</sup> Semester of Foreign Language	3		
GTS 401	Research Seminar	3		
<b>Optional Honors Thesis (3 hours)</b>				
GTS 402	Honors Thesis	3		
<b>Choose 3 Regional Courses (9 hours)</b>				
ENG 345	African Diasporic Literature	3		
ENG 345	Caribbean Literature	3		
HUM 277	Spanish Civilization	3		
HUM 278	Latin American Civilization	3		
PHL/REL 333	Asian Philosophy & Religion	3		
POL/GTS 306	West European Government and Politics	3		
POL/GTS 308	Post-Soviet Politics	3		
POL/GTS 325	Middle East and North African Politics	3		
POL/GTS 346	Chinese Politics & Influence	3		
<b>Choose 1 Thematic Course from each area (12 hours)</b>				
<i>Global Economic Development (3 hours)</i>				
BUS 322	Cross-Cultural Management	3		
BUS 340	International Business	3		
ECN 211	Principles of Macroeconomics	3		
ECN 212	Principles of Microeconomics	3		
ECN 310	International Trade and Finance	3		
ECN 331	Intermediate Macroeconomic Theory	3		
ECN 334	Economic Development			
GTS 320	Global Inequality	3		
<i>Global Environment &amp; Health (3 hours)</i>				
ENV 105	Introduction to Environmental Science	4		
GEO 300	Great American West Travel Expedition	3		
GEO 315	Anthropocene Geology	3		
GTS/HES240	Intro to Global Health	3		
GTS/SOC 330	The Global City	3		

PHL 242	Biomedical Ethics	3		
PHL 246	Environmental Ethics	3		
POL 326	Environmental Politics & Policy	3		
WGS/HES 355	Women's Health Issues	3		
<i>International Relations &amp; Human Rights (3 hours)</i>				
EDU 385	Diversity in Education	3		
GTS 212	Model UN Team	3		
HIS 340	Topics in Diplomatic and Military History	3		
HIS 350	Topics in Early World History	3		
HIS 360	Topics in Modern World History	3		
PHL 244	Business Ethics	3		
PHL 410/SEC	Ethical Warfare	3		
POL 212	Introduction to International Relations	3		
POL 305	International Law and Organization	3		
POL/SEC 335	Politics and Security of Developing Nations	3		
POL/SEC 337	Human Rights and Security	3		
POL 362	American Foreign Policy	3		
SEC 312	Terrorism	3		
<i>Global Cultures (3 hours)</i>				
ENG 315	Booker Prize Fiction Writing	3		
ENG 330	Literary Remixes: Contemporary Takes on Classic British	3		
FRE 362	Francophone Civilizations	3		
GTS 310	Memory and Culture in Global Perspective	3		
HIS 350	Topics in Early World History	3		
HIS 360	Topics in Modern World History	3		
HUM 294	Introduction to the French-Speaking World	3		
PHL/REL 102	World Religions	3		
PHL 410/REL	Buddhism	3		
PSY 405	International and Cross Cultural Psychology	3		
<b>TOTAL HOURS FOR MAJOR</b>		<b>33 hrs.</b>		

If any substitutions or waivers of requirements are allowed, please list below and initial.

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## **BUS – Business**

**BUS 131 Intro to Business** (3 hrs.) This introductory course will briefly explore the critical topics of the business environment. Beginning with business trends in the global environment, the course moves through small business ownership and how economics affects business, working with and understanding employees, fundamental marketing, human resource management, and managing financial resources. This is an excellent course to explore the subject matter of the general business world for those who have not done any business courses before and would like to get an introduction to the subject matter or to pursue further studies in the various fields in business administration. This course does not count as an elective in the business administration department and is meant for non-business major students interested in exploring the basics of the major. It will count for credit towards graduation.

**BUS 205 Introduction to Sports Management** (3 hrs.) This course is an introduction to the contemporary world of sport business. The learning objectives of the course will be addressed in three discrete modules over the course of the semester. The first module introduces basic sport management concepts. In this module, students will learn what constitutes managing a sport, how to develop a professional perspective in the sport industry, and basic management concepts and practices in sport organizations. The second module dives deep into various segments of sport management. In this module, students will explore topics specific to sport participation, interscholastic athletics, intercollegiate athletics, professional sport, international sport, and new developments in the sport industry. The final module relates specific to sport business and management concepts. Using the sports industry perspective, many business principles will be covered, such as: marketing, strategic management, communication, sales and revenue generation, facility management and finance.

**BUS 210 Spreadsheet Application in Business** (3 hrs.) This course is designed to enable students to use Microsoft Excel to perform important data analysis and presentation for various business problems and thereby provide essential decision-making support to management. In the first few weeks of the course, students work on developing a functional understanding of Microsoft Excel by learning its basic capabilities for data analysis and presentation. Then the course exposes the students to more advanced data analysis tools in Excel such as Scenario Manager, Data Tables, Solver, etc. for a more complicated and comprehensive analysis of business problems. In the later part of the course, students learn to use Excel for important statistical analysis including descriptive statistics, regression analysis, randomized experiments, forecasting, etc.

**BUS 220 Fundamentals of Management** (3 hrs.) An introduction to the basic concepts of management and organization. A review of the historical development of management practices will precede the core areas of study, which include the processes of decision making and planning in organizations, concepts of organization design, measurement and control of organizational performance, and leadership and the direction of human activity. Case studies of actual organizations are used.

**BUS 221 Organizational Behavior** (3 hrs.) This course explores management practice in the workplace with an emphasis on the dynamics of individual and group behavior. Topics include organizational structure and design, managing in a global context, conflict in organizations, organizational culture, decision-making, group dynamics, and other contemporary issues in organizational behavior.

**BUS 223 Business Law** (3 hrs.) This course is designed to provide an understanding of rights, duties, and liabilities in business transactions. Topics covered include contracts, agency and employment, negotiable instruments, personal property, bailments, sales of goods, partnerships, corporations, real property and leases, insurance, security devices, bankruptcy, trusts, estates, and government agencies and regulations.

**BUS 250 Principles of Marketing** (3 hrs.) A survey of current concepts in marketing theory. Topics include the theory of exchange; product characteristics; channels of distribution; sales, promotion, and price policy; marketing research; and the “marketing concept.”

**BUS 305 Industrial-Organizational Psychology** (3 hrs.) This course applies the principles of psychology to work and other organizational settings. It presents both traditional industrial applications (personnel selection, job design, training, and performance evaluation), more recent perspectives on organizational performance (group dynamics, romance in the workplace, leadership, problem solving, organizational design, organizational development, and organizational culture and socialization), recent work in ergonomics and engineering psychology, and consumer psychology. Offered occasionally. Prerequisites: PSY 112 or 113.

**BUS 315 Sport Promotion and Sales Management** (3 hrs.) This course is designed to give the student hands on experience with a professional or non-profit sports enterprise. Working with local and regional organizations, the students will develop a marketing or promotion plan or design and perform a research project. This is the capstone course for the Sports Management major. Prerequisites: ACC215, BUS 205, BUS220, and BUS250.

**BUS 322 Cross Cultural Management** (3 hrs.) This course explores ethnic, behavioral, demographic, and religious dimensions to show how cultural factors affect behavior in the US workplace and how cultural behavior affects managerial action. Within a guiding framework of contemporary management practice, particular emphasis is focused on dispelling stereotypical thinking, and identifying the interpersonal skills needed to be a successful and effective manager with a diverse workgroup. Prerequisite: BUS 220.

**BUS 325 Entrepreneurship** (3 hrs.) This course is designed to develop an understanding of the environment within which small business concerns function. The practical application of business theory will be stressed. Topics include areas of management, advertising, marketing research, customer credit, financing, and personnel. Prerequisites: ACC 215 and BUS 250.

**BUS 326 Human Resource Management** (3 hrs.) A review of the human resource management function in which the practices and underlying theory of the procurement, development, and the maintenance of the individual in an organization will be examined. The basic issues of employee satisfaction and employee productivity will be analyzed throughout the course. Cases will be utilized to explore the various concepts introduced. Prerequisites: BUS 220 or BUS 221.

**BUS 327 Operations Management** (3 hrs.) This course covers basic concepts, practices, and current themes of Operations Management in both production and service industries. Students learn how to make operations decisions such as those relating to capacity planning, inventory management, quality control, facility layout, and product design. Analytical and qualitative tools, as well as key metrics, are applied to real life and realistic problems. The class also emphasizes the interrelatedness and complexity of real-life operations and their place in strategic, global, and ethical contexts. Prerequisites: MAT 114, BUS 210.

**BUS 330 Advertising and Brand Promotion** (3 hrs.) This course examines the role of advertising in marketing and in society. Topics include communication theory, deception, regulation, the advertising campaign, message tactics, and media tactics. Prerequisites: BUS 250.

**BUS 334 Consumer Behavior** (3 hrs.) A detailed study of the forces that shape the process of consumer motivation and decision-making. Topics include theoretical models of consumer choice processes and the influences of culture, lifestyle, and demographics on the consumer. Marketing strategy formulation will be stressed. Prerequisites: BUS 250.

**BUS 337 Labor Relations** (3 hrs.) This course will examine the evolution of the labor movement since the mid-nineteenth century, particularly labor-management relationships. Topics covered will include: labor laws and other legal influences, union organizing, collective bargaining negotiations, administration of contracts, grievance processing, organizations' and unions' adaptation to the changing environment of the 1990s and the future. Prerequisites: BUS 220.

**BUS 345 Digital Marketing (3 hrs.)** This course is designed to provide knowledge and awareness of the digital marketing techniques needed for successful marketing campaigns in a digital economy. In addition, the course will also provide the students with a theoretical understanding of the internet marketplace that is necessary to adapt to its many changes, while also equipping them with the skills they'll need to become a successful digital marketer. Prerequisite: BUS 250. Course offered every year in fall.

**BUS 353 Non-Profit Management** (3 hrs.) This course emphasizes a research experience that produces a business plan for a new nonprofit organization. Students will work in small groups and choose projects from various nonprofit ventures designed by the instructor that will produce workable operating plans to manage such nonprofit organizations. Students should expect a high level of interaction with the instructor, their fellow group members, and other students in the class as research results and methods are shared and analyzed. Classwork on the project will be supplemented with appropriate lecture and discussion topics relevant to understanding nonprofit organizations and how to manage them. Additionally, this course is meant to provide a capstone experience for the Nonprofit Management Certificate. This course also qualifies as an elective in the ABEF department and as an elective for the Management Concentration of the Business Administration degree. Prerequisites: BUS 220 or BUS 221 or BUS 250.

**BUS 360 Decision Making** (3 hrs.) This course studies how human beings make decisions, and how those decisions can be predicted, modeled, and improved. It covers a selection of behavioral and quantitative tools and perspectives, such as utility theory, risk preferences, decision trees, influence diagrams, value of perfect and imperfect information, linear programming, sensitivity analysis, what-if and scenario analysis, multicriteria decision making, and group decision making. This course can fulfill the analytical requirement of the Business major (as an alternative to BUS 327 and ECN 351).

**BUS 364 Introduction to Qualitative Research** (3 hrs.) This course explores the foundations and methodology of naturalistic inquiry. Topics include an examination of contemporary qualitative research paradigms, methodology, personal interviewing, interview guides and question construction, performing observations, focus groups, protection of subjects and privacy, and coding and analysis of data. Students will perform interviews and observations, code and analyze data, and participate in a group doing an open-ended qualitative survey project. Prerequisites: BUS 220 or BUS 221 or BUS 250.

**BUS 367 Hotel & Tourism Management** (3 hrs.) This course provides an in-depth look at hospitality operations in the general context of the tourism industry. Topics include an overview of the tourism industry, lodging operations, and food and beverage operations, as well as an examination of the duties of the hotel general manager, revenue management, the front office, and housekeeping. Students should expect a combination of textbook based assignments, drop box assignments involving online articles, discussion forum postings and responses, as well as online exams based on the lecture material and course readings. Prerequisites: BUS 220 or BUS 250 or ECN 212.

**BUS 450 Business Strategy** (3 hrs.) A course for second-semester seniors in which principles and theories of management, marketing, accounting, finance, and economics are used to analyze comprehensive case studies. A model for company-wide strategy planning will be studied. Prerequisites: ACC 215 and 216; BUS 220, 250 and 318; ECN 211 and 212.

## **ECN – Economics**

**ECN 110 Introduction to Economics** (3 hrs.) This introductory course will briefly explore the historical foundations of economics systems including the foundation of private property rights, the emergence of capitalism and market-based economy, and its rise in different forms in the US and around the world. The course will then move to the study of microeconomic topics such as scarcity, theory of markets and effects of the market structures on the resource allocation and social welfare. After exploring markets and market structures, the course will move into topics from macroeconomic such as measurements of an economy, basic classical and Keynesian theory and the macroeconomic tools of fiscal and monetary policy. Finally, this course will conclude with a look at the economics of international trade, and exchange rates. This is an excellent course to explore subject matter of economics for those who have not done any economics before and would like to get an introduction to its subject matter or to pursue further study in business and economics.

**ECN 211 Principles of Macroeconomics** (3 hrs.) An introductory course that examines, in an international context, the causes and consequences of economic growth, inflation and unemployment, and how government fiscal and monetary policies affect macroeconomic outcomes. Prerequisite: MAT 114 or MAT 122 or MAT 124.

**ECN 212 Principles of Microeconomics** (3 hrs.) An introductory course to acquaint the student with consumer choice, the market system, resource allocation, and the decisions of firms in markets with varying degrees of competition with applications relating to public policy. Prerequisite: MAT 114 or higher.

**ECN 308 Economics of Industrial Organization** (3 hrs.) In this course students will study business firms' behavior under different market structures. The course studies behavior of firms: their strategy, performance, and interactions under various market conditions and levels of competition. It explains and studies reasons behind business practices such as mergers, acquisition, price discrimination, advertising, product selections, innovations vertical restraints, cartels and exclusionary conducts. It also explains why there are economic regulations, such as antitrust and other industrial regulations. This course will introduce game theory as a tool of economic analysis. Prerequisites: ECN 212 and either MAT 122 or MAT 124 or permission from instructor. Basic understanding of principles of microeconomics, algebra, and calculus is necessary and these will not be reviewed in the class.

**ECN 310 International Trade and Finance** (3 hrs.) Studies international movements of goods and services and monetary flows. Covers international trade theory, trade policy, institutional evolution of the world economy, balance of payments and exchange rates. Prerequisite: ECN 211 and ECN 212.

**ECN 316 Public Finance** (3 hrs.) Examines the role of government in a market system and develops the tools necessary to evaluate government policies. Explores the development and growth of the public sector of the economy, the theory and character of public revenue, expenditure, and debt; studies the use of public finance to achieve economic stability, promote economic growth, and effect other social goals; and examines federal, state, and local taxes, expenditure, and administration. Offered every other spring semester. Prerequisites: ECN 211 and 212.

**ECN 325 Money, Banking, and Financial Markets (3 hrs.)** A study of the roles of the financial sector and of monetary policy on the economy. Explores essential features of financial markets; discusses concerns of bank managers in making investment choices; examines the roles of the Federal Reserve and banks in the money supply process; explores the importance of money in the economy; and examines the importance of exchange rate movements in international investing. Prerequisite: ECN 211.

**ECN 331 Intermediate Macroeconomic Theory** (3 hrs.) This course provides a working understanding of the economy as a whole in an international context. It examines the relationship between such measures of aggregate economic activity as income, unemployment, inflation and interest rates. It develops models of economic activity and uses them to analyze the effects of changes in the economic environment, private behavior and government policy. It also evaluates the potential for government fiscal and monetary policies to affect economic activities. Prerequisite: ECN 211, ECN 212 & MAT 114 or MAT 122 or higher.

**ECN 334 Economic Development** (3 hrs.) This course examines the concept and measurement of development, the main factors that prevent development from taking place, alternative approaches to guiding development, and how development can be made sustainable. It investigates how human resources are transformed in the process of economic development and how that transformation contributes to the development process itself. It discusses how capital is mobilized and allocated for development purposes. It also explores the importance of agriculture, primary production, and industrial development, and analyzes the macroeconomic management of a developing economy open to world markets. Offered every other fall semester. Prerequisites: ECN 211.

**ECN 337 Open Economy Macroeconomics** (3 hrs.) This is an applied macroeconomics course, where students will be exposed to the theories of open market international aspects of finance and macroeconomics. The course will investigate modern monetary and exchange rate relationships between countries. We will analyze the balance of payments of countries, understand the issues related to international capital flows, and explain how exchange rates are determined. In addition, the standard aggregate supply and demand and the IS-LM models will be expanded to open market economies. Prerequisites: ECN 211, ECN 212.

**ECN 351 Price theory and Managerial Decisions** (3 hrs.) An intensive study of the tools which economists use to analyze the allocation resources among alternative uses. Topics discussed include consumer demand (consumer's choice); the determinants of price, output, and employment in various market situations (production and markets); the effects of imperfect competition on resource allocation; and it will then use the concepts to examine business decision techniques. Special emphasis will be placed on the statistical derivation and interpretation of demand and cost curves, and decision making under uncertainty. Prerequisites: ECN 212, MAT 114 and MAT 122.

**ECN 355 Research Methods for Business and Social Sciences Applications** (3 hrs.) This course provides the students with an overview of research methods that are commonly used to support economic, business, public policy research and decision-making. The course emphasizes business and social sciences applications. This course will enhance students understanding of quantitative, statistical and qualitative methods used in business, economics and other social sciences. Students will learn survey methods, sampling and probability distribution, statistical inference, multiple regression technique, time-series analysis and forecasting, and analysis of multivariate system using matrices such as input-output model, activity analysis, and simple linear programming. This course is writing intensive. Prerequisite: MAT 114, BUS 210, ECN 211, ECN 212, or Permission from instructor.

**ECN 360 Mathematical Economics** (3 hrs.) This course gives students majoring in economics and business a sound grounding in mathematical economics that has become indispensable for proper understanding of the current economics and business literatures. The course provides an introduction to a wide array of mathematical techniques used in solving economic problems and developing economic theories. Students will learn and apply integral and differential calculus, differential equations, linear algebra to study and explore economic optimization, static equilibrium analysis, linear economic models, and economic dynamics. The course will provide students an excellent grounding to work in applied and theoretical economics, econometrics and economic modeling. Prerequisites: MAT 124, MAT 215, and ECN 331, or permission from the instructor for students with strong mathematics background (such as seniors with Math majors or Economics majors who have combined GPA above 3.5 in MAT 122 and ECN 355).

**ECN 362 Sports Economics** (3 hrs.) This course introduces students to how economic concepts apply to the business and practice of sports. The sports world is filled with empirical evidence that illustrates economics in action and allows for testing economic theories. Basic economic models will be applied to evaluate professional and amateur sports. We will investigate topics such as the league structure, labor-relations, incentive structures, salary caps, stadium financing, etc. In addition to our attention to professional sports, we will also spend a portion of our time on college athletic programs. By the end of the course, students should be able to distinguish the sports industry from most other types of business industries. Prerequisites: MAT 114, MAT 122 or higher, and ECN 212.

**ECN 364 Labor Economics** (3 hrs.) This is an applied microeconomics course, where students will be exposed to the theories of the labor market and the effects of various government policies on the labor market in the U.S. Socioeconomic issues such as legal and illegal immigration, race and gender discrimination will be investigated in the course. Essentially, students will be using microeconomic economic theories to analyze the determinants of labor demand, labor supply, the causes and effects of wage differential, unemployment and labor unions. Complex topic of worker's compensation and wage structure will also be explored. Prerequisites: ECN 212 and MAT 124 or higher.

**ECN 367 Econometrics** (3 hrs.) An intensive study of the use of multivariate linear regression techniques applied to the estimation of economic relationships. This study will include the assumptions of the statistical model, how to recognize when these assumptions have been violated by the economic model or the data, and what corrective procedures are appropriate. Also discussed will be methods for checking forecast accuracy in advance of the forecast period and simultaneous equation estimation procedures. Prerequisites: ECN 355 or MAT 313 and ECN 110 or both ECN 212 & 211 or permission of instructor.

**ECN/ENV 377 Environmental and Resource Economics** (3 hrs.) This course will introduce students to the theories and methods used to understand and evaluate environmental problems and policies. The class will provide students the much-needed exposure to the non-competitive markets, the methods to analyze such markets, and the effects of these markets on economic institutions. The objective of this course is to introduce students to theories and methods used to understand and evaluate the environmental problems and policies. We will start with concepts of externalities, public goods, property rights and why markets could fail in these cases. Policies to correct market failure in domestic and international situations will be examined. Students will explore the common property problem in case of renewable resources and the public policies used to correct the problem. Prerequisites: MAT 122 or MAT 124, and ECN 212.

**ECN 425 Senior Seminar** (3 hrs.) This course provides the capstone experience in economics. Students will learn how to apply knowledge gained in economics courses to further their understanding of contemporary economic issues. The course provides a review of intermediate macroeconomics, price theory and econometrics. Students will complete a senior thesis which provides an opportunity to conduct original research on an economic or interdisciplinary issue. Students will present and discuss their research results in class throughout the semester. Prerequisites: Senior standing, ECN 331, (ECN 367 or ECN 355), and at least two economics electives or consent of instructor.

## EDU – Education

**EDU 101 Introduction to Teaching** (1 hr.) Open to all students. This course serves as an introduction to those considering a major in any area of education. Basic terminology and theories of teaching and learning are team taught by Education Department faculty. A series of field trips to local schools provides information about K-12 school organization and characteristics of each level. This course serves as a prerequisite to EDU 290.

**EDU/HES 206 Growth and Development through Elementary Physical Education** (3 hrs.) This course is meant to prepare students to teach physical education and movement activities to elementary school children. By identifying patterns of growth and development, students will be able to develop methods to successfully teach fundamental movement skill and physical education concepts through quality instruction, games, dance, health-related fitness and perceptual-motor activities. This course is for K-9, K-12 physical education majors. Offered in even numbered fall semesters.

**EDU/HES 207 School Health, PE, & Safety in Elementary** (3 hrs.) This course examines the principles of teaching health, physical fitness, and safety for wellness and optimal development with an emphasis on the needs of children. Offered in fall semesters.

**EDU 210 Literature for Children and Youth** (3 hrs.) Students explore a variety of genre and multicultural literature for children and adolescents. Extensive reading is required to develop experience in selecting appropriate texts for classroom use. Classroom strategies are presented for using literature in curriculum design. A literature portfolio is an integral part of the course. Offered every spring semester. Prerequisites: ENG 103.

**EDU/PSY 221 Educational Psychology** (3 hrs.) The application of psychological principles of learning, cognition, and child and adolescent development to the educational process in elementary and secondary schools. Topics include the impact of psychological knowledge on student learning, teaching, motivation, management of the classroom, and assessment of student learning.

**EDU 225 Human Experiences Across the Years** (3 hrs.) The course explores scientific theory and practice in the field of human growth and development with an emphasis on experiences of the individual through the course of the lifespan. From pre-birth through end of life, humans are defined by momentous occasions and changes, and they grow accordingly. The emphasis of the course is on socio-emotional life events, but will also address both cognitive and physical development. The course is targeted to non-Education majors as a course intended to meet the Human Behavior Theme. Some topics include: infertility issues, childhood obesity, adolescent issues in the 21<sup>st</sup> century, concerns of young adults and career, the family, middle-age adjustment, and senior living arrangements.

**EDU 230 Child and Adolescent Growth and Development** (3 hrs.) This course explores current theory and knowledge in the field of childhood growth, cognitive and psychosocial development from ages pre-birth through adolescence. Major learning theories will be interrelated with information on physical, psychosocial, cognitive and language development. The goals and methods of childhood education will be studied and important contributions from social and behavioral scientists will be analyzed and evaluated for those planning to work with children and/or adolescents. Offered each semester.

**EDU 231 Education of Exceptional Individuals** (3 hrs.) This course is a study of the special needs and characteristics of individuals who are classified as exceptional. Students focus on the unique characteristics associated with giftedness, sensory impairments, learning disabilities, attention disorders, mental impairments, behavioral and emotional problems, physical disabilities and chronic health problems, and other at-risk factors. Legal aspects of schooling and curricular adaptations are explored. Offered in fall semester. Prerequisites: EDU 101 For Education Majors.

**EDU 260 Emergent Literacy** (3 hrs.) Students will develop knowledge and skills necessary to promote early literacy development, including the components of emergent literacy, oral language acquisition, phonological and phonemic awareness, alphabetic principle, high frequency vocabulary development, decoding and spelling strategies, and reading fluency. A variety of teaching techniques will be examined including creative dramatics, storytelling and a wide range of children's literature. Commercial reading programs and series used in many school districts will also be compared and evaluated. Offered in alternating spring semesters.

**EDU 280 Programs in Early Childhood** (3 hrs.) This course applies relationship of theory and practice in early childhood education programs, explores issues of family structures, systems and dynamics within the context of culture and examines firsthand a variety of state and federal programs available for young children. The course includes a practicum component in an approved childcare setting. Students will also examine current issues in child advocacy at the state or federal level, and develop a plan to support chosen legislation designed to help young children through an action plan. Offered every third spring semester as needed.

**EDU 288 Assessment in Early Childhood** (2 hrs.) This course will introduce students to a variety of assessment procedures and instruments that can be used to evaluate learning and the developmental achievements of young children. Students will have a chance to observe young children and various assessment testing first hand. The official position papers of ACEI (Association of Childhood Educators International) and NAEYC (National Association of Educators of Young Children) will be examined also. Offered in even-year fall semesters.

**EDU 290 Foundations of Education** (3 hrs.) This course provides a framework for understanding educational issues from historical, philosophical and societal perspectives. On-site observations are an integral part of the course so that students may gain understanding of the purpose of education, forces shaping it, and the individual responsibility required in becoming a teacher. Required for all education majors. Prerequisites: EDU 101 For Education Majors.

**EDU 291 Education Practicum I** (2 hrs.) This initial practicum experience is designed to acquaint students with the life of one classroom as students spend thirty clock hours observing and assisting in an assigned school classroom. Students should plan to take this course concurrently with EDU 290, Foundations of Education. A reflective learning log is required to record observations, comments, questions, and insights. Prerequisites: EDU 101 For Education Majors.

**EDU 295 Place-Based and Service Learning: Education in the Community & the Classroom** (4 hrs.) Today's future teachers must embrace current trends in education. One of those is understanding the importance of place-based and service learning. This community outreach work connects the college with area businesses and schools. Through place-based experiences, pre-service teachers develop the skills to work with community businesses and classrooms that will hopefully carry over into their own future classrooms. Prerequisites: EDU 101 recommended.

**EDU 306 Teaching Reading** (3 hrs.) Students will learn about the nature of reading and language development in the context of the whole school curriculum for elementary and middle grades. Topics include the examination of reading as a meaning construction process, the development of appropriate instructional strategies, and the assessment and evaluation issues related to social and cultural diversity. Instructional content and strategies are aligned with state and national guidelines and standards. Offered every fall. Prerequisites: EDU 290, 291 and admission to teacher education program.

**EDU 307 Teaching STEAM in 21<sup>st</sup> Century Classrooms** (4 hrs.) Today's future teachers must embrace current trends in education. One of those is understanding the importance of cross-collaboration between Science, Technology, Engineering, Arts, and Mathematics (STEAM). In this class, students will learn not only how to integrate these subjects in their early childhood or elementary classroom, but they will also experience it as students. Prerequisites: EDU101, EDU231, EDU290, EDU291, and declaration of major in education. Must be admitted into TEP (Previously offered as EDU310/EDU203).

**EDU 308 Methods of Teaching Social Studies in Elementary and Middle Schools** (3 hrs.) Social studies is content focused as students explore concepts, teaching methods, materials, related literature and integrated curriculum design for elementary and middle school grades. Inquiry projects emphasize theme cycles and demonstration lessons. Curricular and instructional objectives using the standards and guidelines of state and national professional organizations such as the National Council for Social Studies are included. Offered every fall semester. Prerequisites: EDU 290, 291, and admission to teacher education program.

**EDU 309 Teaching of Writing in Middle and Secondary Schools** (3 hrs.) Students will experience the essentials of process writing for transactional, expressive, and poetic writing. Writing in content areas and evaluating and assessing writing are stressed. This course is required for middle school majors and secondary majors with an English language arts concentration. Offered in even year fall semesters. Prerequisites: ENG 103, at least one writing intensive course, and admission to the teacher education program.

**EDU 320 Teaching Middle School: Curriculum & Philosophy of Teaching the Middle Years** (4 hrs.) This course examines the philosophy and curriculum development in the middle school, including school and classroom design, teaching methodology, curriculum strategies, and organizational structures. Teaching and learning theory and strategies for middle school students are explored along with curriculum design based on the developmental characteristics of children in grades 5-9. Students will spend 3 hours in class and 1 hour in field. Prerequisites: EDU 101, EDU 230, EDU 231, EDU, 290, 291, Education Major/Minor declared, and admission to teacher education program (TEP); or by permission. Offered odd year spring semesters or as needed. (Previously offered as EDU311/314)

**EDU/PED 345 Methods of Teaching Middle School Physical Education** (3 hrs.) This course is designed for students planning to teach middle school age physical education programs. Topics include program development, selecting and implementing instructional units, integrating physical education with other disciplines, professional development, and teaching assessment.

**EDU 350 Digital Literacy** (3 hrs.) This course is geared towards today's digital citizens who plan to teach in the current technology-infused classrooms. Future educators are entering schools that are 1:1, so students must be prepared to work in a technology-rich environment. The class will integrate digital literacy across the curriculum, motivate students to embrace technology as both a consumer and a producer, and require that they participate in the course as both student and an educator. This will be a hands-on, interactive, seminar-type course. Acceptance to the Teacher Education Program and EDU 231.

**EDU 351 Methods of Teaching Elementary/Middle School Mathematics** (3 hrs.) This course is the second part of an integrated methods and content course for elementary and middle school teachers. Topics include fractions, decimals, geometry, probability and statistics, measurement and other appropriate topics. Offered every spring semester. Prerequisites: C or better in MAT 231.

**EDU 370 Business Programs Implementation** (3 hrs.) This course seeks to prepare future Secondary Business Teachers with information about various programs, comparisons and evaluations of ideal instruction as well as familiarizing the student with professional career and vocational organizations related to Business Education. Students will directly observe in secondary business classes Grades 7-12, and interview teachers, administrators, sponsors of organizations and community partnership leaders from the business community. After several written assignments, students will present a Power Point presentation to other business education students. Prerequisites: EDU 290, 291 and 425, and admission to the teacher education program.

**EDU 380 Integrated Curriculum in Early Childhood** (3 hrs.) This course seeks to integrate the disciplines of language arts, math, social studies, music, art and science in preparation of curriculum content for early childhood and kindergarten classrooms. Students prepare detailed long-term lesson plans and collect resources to implement the plans. Plans developed will meet the MO Pre K and Show-Me Standards as well as the ACEI and NAEYC Standards for Early Childhood Classrooms. Offered every third spring semester or as needed. Prerequisites: EDU 290 or permission of the instructor.

**EDU 385 Diversity in Education** (3 hrs.) This course will introduce both education and non-education majors to the role of the 21st century school in a diverse society. Students in this course will study important issues, approaches, and strategies in working with and forming connections with a population that is ethnically and culturally diverse. In addition, an emphasis of this course is to promote teaching tolerance and anti-bias in a land where discrimination and sexism still exist. To live as an informed and tolerant adult in an increasingly pluralistic America is a major focus of this course. Specific topics to be explored include: understanding ourselves and others' values and belief systems, learning the language of prejudice, and creating unity in a diverse America. Offered every fall semester. Prerequisites: One of the following: EDU 290, PSY 113, SOC 111, POL 211 or PHL/REL 102, or permission of the instructor.

**EDU 392 Reading & Writing in the Content Area** (3 hrs.) This course helps pre-service teachers explore methods to facilitate students' reading comprehension of content area materials (texts, non-fiction trade books, and other supplements). It is based on the recognition that reading in the content areas (non-fiction/informational) requires explicit strategies that are best taught in the context of the content area. It is also recognized that the most effective teacher of content area reading strategies is the teacher of the content area. Prerequisites: EDU 290, 291 and admission to teacher education program.

**EDU 393 Education Practicum II** (2 hrs.) This practicum is an intensely supervised pre-student teaching experience, which includes forty-five actual clock hours in a K-12 classroom. Action research is conducted in the assigned classroom and presented to an audience such as the Undergraduate Research Forum. Offered each semester. Prerequisites: EDU 291 and admission to the teacher education program.

**EDU 398 Independent Study** (1-3 hrs.) An individual study or research topic not covered in regular course offerings is done with the supervision of faculty. Students need permission of the instructor and the program director. It is the responsibility of the student to provide a rationale and an outline of the proposed study. Open only to education majors.

**EDU 417 Advanced Practicum** (1-6 hrs.) The principal objective of this course is to provide a student the opportunity to spend time in different age group classrooms (preK-12). Students can take this course multiple times for varied credit hours based on their own schedule. For example, an elementary major may take 1 credit hour to spend 15 hours in a 5<sup>th</sup> grade classroom one semester and then for 2 credit hours another semester in a 2<sup>nd</sup> grade classroom. These practicums give them a broader range of experience and helps inform them for what age they want to student teach. Secondary folks also need to gain experience in all grade levels to be best prepared not only for student teaching but for their career in general. Prerequisites: EDU 231, EDU 291, and EDU 393 (can be concurrent with EDU 393).

**EDU 425 Secondary School Teaching** (3 hrs.) Students explore the general principles, activities, schedules, and interactions of teachers and students in secondary schools. Course content includes teaching-learning process emphasizing methods of instruction and evaluation. Offered in fall semester. Prerequisites: Admission to teacher education program.

**EDU 431 Teaching English in Middle and Secondary Schools** (3 hrs.) This course is designed for those students who plan to teach English in high school settings. Along with an examination of issues, attitudes, and trends in teaching English/language arts, students develop materials and strategies for teaching and evaluating writing, speaking, listening, reading and viewing competencies. State and national standards and guidelines are used for content orientation. Offered every other fall semester. Prerequisites: EDU 425, completion of appropriate English courses, and admission to the teacher education program.

**EDU 433 Teaching Mathematics in Middle and Secondary Schools** (3 hrs.) This course is offered for those who plan to teach mathematics in high schools. Students explore curriculum development and instructional methods and gain experience with multimedia materials and resources that are appropriate for classroom use. State and national standards are used as guidelines for content orientation. Offered every other fall semester or as needed. Prerequisites: EDU 425, completion of appropriate math courses, and admission to the teacher education program.

**EDU 434 Methods of Teaching Middle School and Secondary Physical Education** (3 hrs.) This course is designed for students planning to teach middle school and secondary physical education programs. Topics include program development, selecting and implementing instructional units, class organization and management, assessment, integrating physical education with other disciplines, and professional development. Prerequisite: EDU 290.

**EDU 435 Teaching Social Studies in Middle and Secondary Schools** (3 hrs.) The content of this course includes recommendations of state and national groups, which have approved standards for teaching social studies. Students explore issues, trends and methods in social studies instruction for secondary school students. Students plan lessons and themes and engage in the kinds of projects, e.g., writing, research, and audio-visual, which they will present in their own classrooms in secondary schools. Offered every other fall semester. Prerequisites: EDU 425, completion of appropriate social science courses, and admission to the teacher education program.

**EDU 436 Teaching Science in Middle and Secondary Schools** (3 hrs.) Students study issues, trends, and methods in teaching science for secondary school students. Curriculum projects are based on objectives and concepts that are included in state and national standards for science teaching. Offered in even year fall semesters. Prerequisites: EDU 425, completion of appropriate science courses, and admission to teacher education program.

**EDU/FLG 437 Methods of Teaching a Foreign Language** (3 hrs.) Students study issues, trends and methods in teaching a foreign language to students in elementary, middle and secondary students. Projects involve lesson planning development and unit planning. Offered as needed.

**EDU 441 Reading Assessment and Advancement** (3 hrs.) This is a study of multiple formal and informal assessments that includes miscue analysis. Students prepare a reader profile that includes assessment procedures, identification of reading strengths and needs, and recommendations for strategies to promote advancement toward reading proficiency. Students work with at least one reader. Offered in spring semesters. Prerequisites: EDU 306 and admission to the teacher education program.

**EDU 453 Classroom Management and Organization** (3 hrs.) This course focuses on multiple factors that affect student learning and behavior. Students study effective classroom and behavioral management techniques, dealing with specific issues and practices and developing their own plans for their own classrooms. A series of management plans are designed and brought together in a comprehensive management plan, which becomes part of the state mandated portfolio. Students deal with everything from room arrangement, rules of general conduct and classroom procedures, to teaching tolerance, dealing with bullying and violence, and grading and assessment. Offered every semester. Prerequisites: EDU/PSY 221, EDU 291, admission to the teacher education program.

**EDU 490 Educational Seminar** (3 hrs.) This course is taken concurrently with student teaching. It serves as an orientation to student teaching and functions as a formative structure for the experience. This seminar meets regularly throughout the student teaching semester allowing students to share experiences, strengthen competencies and address topics of concern. Completion of the state mandated portfolio and completion of the application for certification process are integral to the course. Preparation for employment interviews and how to fill out teaching applications to districts are covered as well. Offered each semester.

**EDU 492 Student Teaching: Early Childhood Education or Elementary School** (6-12 hrs.) This course is for students seeking certification in early childhood, Pre-K-Grade 3 or elementary education, grades 1-6. Concurrent enrollment in EDU 490 is required. Students gradually assume full responsibility for classroom instruction during the experience. Students are required to engage in all professional activities, which their cooperating school provides. Intense supervision and feedback are provided by a cooperating classroom teacher and a college supervisor. Special fee required. Prerequisites: Admission to student teaching, passing score for the national certification exam, and substitute certificate. Offered each semester.

**EDU 495 Student Teaching: Middle School** (6-12 hrs.) This course is for students seeking certification in middle school education, grades 5-9. Concurrent enrollment in EDU 490 is required. Students gradually assume full responsibility for classroom instruction during the experience. Students are required to engage in all professional activities, which their cooperating school provides. Intense supervision and feedback are provided by a cooperating classroom teacher and a college supervisor. Special fee required. Prerequisites: Admission to student teaching, passing score for the national certification exam, and substitute certificate. Offered each semester.

**EDU 497 Student Teaching: Secondary School** (6-12 hrs.) This course is for students seeking certification in secondary education, grades 9-12. Concurrent enrollment in EDU 490 is required. Students gradually assume full responsibility for classroom instruction during the experience. Students are required to engage in all professional activities, which their cooperating school provides. Intense supervision and feedback are provided by a cooperating classroom teacher and a college supervisor. Special fee required. Prerequisites: Admission to student teaching, passing score for the national certification exam, and substitute certificate. Offered each semester.

## ENG – English

**ENG 103 Academic Writing** (3 hrs.) A composition course designed to prepare students for writing in all academic disciplines. Based on the process approach to writing, the course treats reading, thinking, and writing as integrated skills. Writing Skills covered include summary, synthesis, analysis, argumentation, and research.

**ENG 190 Literary Magazine: Janus** (1 hr.) A course involving the production of a literary magazine. This course provides students with practical experience in evaluating prose and poetry for publication, and in the technical processes of producing a magazine, including graphic design and layout, typography, and printing methods.

**ENG 204 Introduction to Literature** (3 hrs.) An introduction to the study of literature, including poetry, fiction, creative nonfiction and drama. Emphasis will be placed on basic terminology used in discussing literature, on the study of a variety of critical theories, and on techniques for writing about literature. Offered consistently as writing intensive or writing intensive option course.

**ENG 205 Topics in British Literature to 1800** (3 hrs.) A survey of English literature from approximately 750 A.D. through the end of the eighteenth century: the medieval period, the Renaissance, and the neo-classical age. This course looks at the intersection of literature and culture, tracing the development of each in order to understand how British literary culture changed over the years. Among the authors studied are Chaucer, Shakespeare, Donne, Milton, Swift, and Johnson.

**ENG 206 British Literature since 1800** (3 hrs.) A survey of English literature from 1799 to the present including the Romantic period, the Victorian period, Modernism, and the twentieth-century. This course looks at the intersection of literature and culture, tracing the development of each in order to understand how British literary culture changed over the years. Among the authors studied are Wordsworth, Keats, the Brownings, the Brontes, Joyce, Woolf, Yeats, Eliot, Lessing, and Larkin.

**ENG 220 Janus and the World of Publishing** (3 hrs.) This course will introduce students to the world of publishing through a variety of means. Students will take part in all aspects of editing, designing and producing Westminster College's literary magazine, *Janus*, using In-Design and a variety of collaborative and individual exercises. Moreover, students will explore other publishing topics and avenues including but not limited to: learning the fundamentals of copy-editing, writing book and article proposals, creating and maintaining blogs and other social media sites, writing query letters, investigating and managing submissions, writing and submitting book reviews, evaluating publication options, promoting published material, and establishing and maintaining a writerly presence. Prerequisites: ENG 103 and ENG 275, or permission of the instructor.

**ENG 230 Play in Performance** (3 hrs.) This course consists of a semester long study of the academic and artistic foundations of dramatic performance culminating in a fully staged production of a play. The course will include in depth play-analysis, acting, and technical theatre training as well as more traditional coursework and academic papers exploring the playwright, their other works, the performance history of those works, and the theatrical movements associated with that playwright. Prerequisites: Instructor Permission.

**ENG 231 Play in Performance II** (1 hr.) This course allows students who have already completed ENG/THE 230 - 'Play in Performance I' to receive credit for participating in the fully staged production associated with that class. Students will continue to develop an appreciation for the academic and artistic foundations of dramatic performance through the production process. This will include in depth play-analysis, acting, and technical theatre training as well as an academic exploration of the playwright and his work, the performance history of those works, as well as the theatrical movements associated with that playwright. Prerequisites: Instructor Permission and ENG/THE 230.

**ENG 238 American Literature to the Civil War** (3 hrs.) A survey of American literature from its beginnings among Native Americans through the middle of the nineteenth century. This course examines the emergence of literary culture over time, tracing changes in both literature and culture to determine what characteristics make American literature unique. Among the authors studied are Bradstreet, Whitman, Emerson, Thoreau, Poe, Hawthorne, Melville, Douglass, and Dickinson.

**ENG 239 American Literature since the Civil War** (3 hrs.) A survey of American literature from the middle of the nineteenth century to the present. This course examines changes in literary culture over time, tracing currents in the literature and the culture it reflects from the emergence of an industrialized society to the segmentation of twentieth-century society. Among the authors studied are Twain, James, Chopin, Frost, Eliot, Moore, Hemingway, Faulkner, Miller, Baldwin, and Plath.

**ENG 248 Topics in World Literature to 1800** (3 hrs.) A survey of masterpieces of world literature from ancient times to 1800. Readings are done in English, but only non-English authors are included. Works studied may range from pre-Biblical Mesopotamian literature, through Greek, Roman, Hindu classics, to the influential texts from the Middle Ages and Renaissance. Offered at least every two years.

**ENG 249 World Literature since 1800** (3 hrs.) A survey of world literature since 1800. Readings are done in English, but the authors studied come from all over the world including Africa, South America, and Asia, as well as Europe. Among the authors studied are Goethe, Tolstoy, Borges, Garcia Marquez, Kafka, and Soyinka. Offered at least every two years.

**ENG 260 Introduction to Journalism** (3 hrs.) A survey of the field of journalism, with particular attention to its history, ethics, and the responsibilities of the journalist. Much of the class work is the writing of typical examples of journalism. Students enrolled in this course will participate in a practicum as writers or editors for The Columns. Prerequisites: ENG 103.

**ENG/JMP 265 Technical and Web Writing** (3 hrs.) Technical Writing refers to any writing done by a professional in a field who is communicating specialized information to a specific audience. The field could be computer software or engineering, but it could just as easily be business, government, non-profits, finance, or education. This course focuses on writing, editing, and design skills that you can apply to any professional job. Because so much of today's workplace writing appears on the internet, this course will pay particular attention to how to write, arrange, and deliver information effectively on the Web.

**ENG/JMP 270 Expository Writing** (3 hrs.) A course in advanced composition, with emphasis on reasoning and organization, and with special attention to principles of style. Part of the course will consist of discussion of student work, as well as the study of trends of thought and the literary techniques of published essayists. Prerequisites: ENG 103.

**ENG 275 Introduction to Creative Writing** (3 hrs.) An introduction to the writing of poetry, fiction, creative nonfiction, and drama, with approximately equal time spent on each genre. Students will study the forms and techniques used by successful writers as models for their own work and will read and critique the writing of other students in a workshop format. Prerequisites: ENG 103.

**ENG 290 Introduction to Literary Studies: Critical Approaches and Research Methods** (3 hrs.) A seminar in the theory and practice of literary study. The course objectives are to examine key issues in literary theory, to develop an understanding of theoretical models in relation to critical practice, and to acquire research skills necessary for advanced literary study (e.g., the honors project). Prerequisites: A 200-level literature course or instructor permission. Offered in spring semester.

**ENG 315 Literary Modes and Genres** (3 hrs.) The study of literature focusing upon the distinct categories into which literary works are grouped according to formal elements – the novel, poetry, drama, autobiography, tragedy, comedy, the epic – conventions which both endure over time and are modified with every new work in the genre. Possible courses include Autobiography, Science Fiction, or The Country and City in Nineteenth Century British Poetry. Offered at least every two years. Prerequisites: a 200-level course in literature or permission of the instructor.

**ENG 325 Literary Movements** (3 hrs.) The study of a coherent period or movement in literature, based on the premise that literature written within certain time spans, and occasionally in a particular place, is often related by a series of literary norms, standards, and conventions, the introduction, spread, diversification, and disappearance of which can be traced. The course will usually be taught with particular attention to the relation between literature and the associated intellectual and cultural milieu. Renaissance Literature, Romanticism, British Modernism, the Jazz Age, and the Beat Movement are examples of possible courses that may be offered under this topic. Offered at least every two years. Prerequisites: a 200-level course in literature or permission of the instructor.

**ENG 330 Visions and Revisions** (3 hrs.) A reading of literature based on two premises: First, that literature is a product of culture arising from a web of historical conditions, relationships, and influences that in some measure determine literary form and content; second, that literature is at the same time an agent of culture that shapes social practices. Courses may include studies of the exchange between colonial and post-colonial fiction, the evolution of particular story lines (such as the Arthurian myth) through a variety of literary texts, and the relationship between classicism and romanticism. Offered at least every two years. Prerequisites: a 200-level course in literature or permission of the instructor.

**ENG 335 A Sense of Place** (3 hrs.) A study of the way various writers have detailed the complex and profound relationships between place – whether it be a physical or intellectual construct – the literary ethos, and construction of identity. Students will explore literary texts that invoke or evoke place as a significant literary or cultural trope. Course offerings may include Literature of the Environment, American Writers in Paris, or Rural/Urban Literature. Offered at least every two years. Prerequisites: a 200-level course in literature or permissions of the instructor.

**ENG/WGS 340 Gender and Literary Expression** (3 hrs.) A study of gender as a personal, social, and literary construction, this course examines literature in the context of contemporary social and cultural attitudes towards gender. Though poetry, fiction, or drama are usually included, this course often involves essays, journals, and letters as well. Course offerings may include Southern Women Writers, Women and Madness, or Theories of Gender in Literature. Offered at least every two years. Prerequisites: a 200-level course in literature or permission of the instructor.

**ENG 345 Ethnic Literature** (3 hrs.) The examination of literature by individuals belonging to various ethnic groups, including those in the United States (African-American, Native American, Chicano/Chicana, Asian-American or Jewish) as well as groups from other cultures. This course considers the aesthetic, cultural, social, and/or political aspects of literature and particularly how works by ethnic writers negotiate the boundaries of literary expression, how language use and assimilation affect one another, and/or how other aspects of culture mesh with and shape the literature. Specific courses may include African-American Literature, The Harlem Renaissance, or Langston Hughes. Offered at least every two years. Prerequisites: a 200-level course in literature or permission of the instructor.

**ENG 350 Studies in the Author** (3 hrs.) A study of a single author (e.g. Shakespeare, Melville, Joyce, Hughes, or Morrison) or two or more related authors who do not in themselves constitute a movement (Chaucer/Shakespeare, Faulkner/Hurston, Joyce/Woolf). Offered at least every two years. Prerequisites: a 200-level course in literature or permission of the instructor.

**ENG 355 Literature and the Other Arts** (3 hrs.) The study of the historical, cultural, and aesthetic relationships between literature and other modes of artistic production (visual arts, music, theater, film, dance), focusing particularly on the ways in which artists in various modes influence one another. Topics include Shakespeare on Film, Literature Goes to the Movies, the Photograph as a Literary Text and Jazz, Blues, and Poetry. Offered at least every two years. Prerequisites: a 200-level course in literature or permission of the instructor.

**ENG 372 Creative Writing Prose** (3 hrs.) A workshop course in which students study the work of successful fiction writers, identify and practice the forms and techniques they employ, and use those techniques to craft their own stories. Group discussion of students' writing plays a primary role. Offered every third semester in rotation. Prerequisites: ENG 103 and 275.

**ENG 374 Creative Writing Poetry** (3 hrs.) A workshop course in which students study the works of successful poets, identify and practice the forms and techniques they employ, and use those techniques to craft their own poems. Group discussion of students' writing plays a primary role. Offered every third semester in rotation. Offered every third semester in rotation. Prerequisites: ENG 103 and 275.

**ENG 376 Creative Nonfiction** (3 hrs.) A workshop course in which students study the works of successful creative nonfiction writers, identify and practice the forms and techniques they employ, and use those techniques to craft their own poems. Group discussion of students' writing plays a primary role. Prerequisites: ENG 103 and 275.

**ENG/THE 378 Playwriting** (3 hrs.) In this course, we will collectively work to develop and hone your ability to construct performance texts. We will use a selection of one-act plays written by some of the most accomplished playwrights of the 20th century, seminal works of performance art, and a few foundational texts on dramatic analysis to isolate the features of effective performance compositions. From there the course will increasingly focus on your original compositions, which will be workshopped by the class as a whole. This process will culminate in your completion of a polished one-act play. Prerequisites: THE 201, ENG/THE 230, or ENG 275.

**ENG/JMP 380 Introduction to Digital Humanities** (3 hrs.) Digital tools such as archives, data mining, data visualizations, and games are changing how students and scholars approach the study of the humanities. In this course, we will use digital tools to facilitate our own interpretation and research, with a particular focus on Mary Shelley's *Frankenstein* and its enduring influence on popular culture. No technical proficiency is assumed—you only need to be willing to learn. Our projects will include many hands-on (and, I hope, fun) opportunities to make things in addition to the analytical writing assignments you are familiar with from other English courses. Prerequisite: A 200-level course in literature (ENG 204, 205, 238, 239, 248, 249).

**ENG 398 Independent Study** (1-4 hrs.) Systematic readings, guided by a member of the department, on a particular author, a particular period, or a special problem. Enrollment by permission of the instructor. Prerequisites: a 200-level course in literature or permission of the instructor.

**ENG 420 Honors Project I** (3 hrs.) The first course in the two-semester honors sequence. Students read extensively in the area selected by the student and approved by a thesis committee consisting of two faculty members. Students meet weekly with the thesis director, complete written assignments, and make presentations to the English Department and possibly to other members of the honors seminar. Prerequisites: Successful completion of ENG 290 and departmental approval.

**ENG 430 Honors Project II** (3 hrs.) The second course in the two-semester honors sequence. Students meet weekly with the thesis director as they write their thesis. Students present an oral defense of the thesis to their committee at the end of the semester. Prerequisites: A grade of "B" or better in ENG 420.

## **ENV – Environmental Science**

**ENV 105 Introduction to Environmental Sciences** (4 hrs.) This course investigates global, national, regional, and local environmental issues by critically analyzing available data and examining alternative to current situations. Emphasis is placed on the use of scientific methods to investigate and solve environmental problems. Off-campus field trips are required. Class projects seek to extend the implications of the course material to the campus and local communities. Offered most semesters.

**ENV 210 Biogeography** (3 hrs.) Biogeography is the study of the distribution of biodiversity over space and time. It aims to reveal where organisms live and at what abundance. It addresses the questions of which species, where and why (or why not). Biodiversity is viewed in light of historical factors, such as speciation and extinction, plate tectonics and glaciations, as well as in the light of current and future threats, including but not limited to climate change. This course is typically offered every other academic year in the spring semester. Prerequisites: BIO 124/125 and 114/115 for Biology and Environmental Science majors; NSC 108 and ENV 105 for non-majors.

**ENV 350 Conservation Biology** (3 hrs.) Conservation biology is the scientific study of the nature and status of Earth's biodiversity with the aim of protecting species, their habitats, and ecosystems from excessive rates of extinction. It is an interdisciplinary subject drawing on sciences, economics, and the practice of natural resource management. A variety of topics and issues will be explored, including but not limited to: factors contributing to the decline of populations, the problems of habitat loss, isolation and fragmentation, ecosystem management, restoration ecology and sustainable development. This course is typically offered every other academic year in the spring semester. Prerequisites: BIO 124/125 and 114/115 or ENV 105.

**ENV/ECN 377 Environmental and Resource Economics** (3 hrs.) This course will introduce students to the theories and methods used to understand and evaluate environmental problems and policies. The class will provide students the much-needed exposure to the non-competitive markets, the methods to analyze such markets, and the effects of these markets on economic institutions. The objective of this course is to introduce students to theories and methods used to understand and evaluate the environmental problems and policies. We will start with concepts of externalities, public goods, property rights and why markets could fail in these cases. Policies to correct market failure in domestic and international situations will be examined. Students will explore the common property problem in case of renewable resources and the public policies used to correct the problem. This course is offered every other spring semester. Prerequisites: MAT 122 or MAT 124, and ECN 212.

**ENV 405 Environmental Assessment** (3 hrs.) Tools, methods, and techniques employed in the study of environmental impact assessment and resource management. Research fundamentals and related environmental legislation will be studied and applied to environmental problems and resource evaluation. The major product is the development of a project requiring an EIS, researching the alternatives, gathering information, writing, and presenting the report. Offered every other fall semester. Prerequisites: ENV 105, GEO 108 or GEO 110 and Junior or Senior standing.

## FRE – French

**FRE 101 Elementary French I** (3 hrs.) This course is designed to develop elementary proficiency in oral expression, listening comprehension, reading, writing, and cultural understanding. Offered annually in the fall semester. Online language laboratory and written assignments required. Open to students with no previous study of French or placement in FRE 101.

**FRE 102 Elementary French II** (3 hrs.) This is a continuation of FRE 101. It further develops the four skills, speaking, listening, reading, and writing. It includes cultural material. Offered annually in the spring semester. Online and written assignments required. Prerequisite: FRE 101 or placement.

**FRE 203 Intermediate French I** (3 hrs.) It significantly develops the communicative skills on topics inspired by everyday life. It reviews the grammar at intermediate level, with strong emphasis on developing the vocabulary, through cultural readings and audiovisual activities. Offered annually in the fall semester. Online and written assignments required. Prerequisite: FRE 102 or placement.

**FRE 204. Intermediate French II** (3 hrs.) It provides a comprehensive grammar review with strong emphasis on oral communication and writing. It includes readings and discussions on French and Francophone cultures. Offered annually in the spring semester. Oral presentations, online and written assignments required. Prerequisite: FRE 203 or placement.

**FRE 280 Introduction to French Literature and Culture** (3 hrs.) In depth analysis of selected literary and cultural documents in the context of wide societal phenomena observed in contemporary France.

**FRE 303 Advanced French Conversation** (3 hrs.) Concentrated oral usage of the language in simulated life situations and discussion of literature and culture. Prerequisites: FRE 204.

**FRE 305 Commercial French** (3 hrs.) The aim of this course is to acquaint students with the terminology used in business administration, law, management, accounting, finance, stock exchange, banking, transport, and insurance, and to familiarize them with commercial letters written according to the most modern rules governing French-English business correspondence. Prerequisites: FRE 204 or instructor's approval.

**FRE 306 Advanced Grammar and Composition** (3 hrs.) A systematic review of all the common elements of French grammar, especially verbs and certain problem words. Oral and written exercises are designed to develop proficiency in both speaking and writing. Prerequisites: FRE 204 or instructor's approval.

**FRE 358 The Individual in Society I (from the Middle Ages to the French Revolution)** (3 hrs.) This course a) introduces students to the main trends in French literature from the Middle Ages to the end of the 18<sup>th</sup> century (medieval *roman courtois*, Renaissance poetry, classical drama and comedy in 17<sup>th</sup> century, Enlightenment prose); b) provides students with conceptual means to analyze literary texts from multiple perspectives; c) enables students to create connections between past and present. Fundamental contemporary aspects of French society cannot be understood without placing them in proper historical context, without identifying and understanding their origins; d) develops students' critical thinking and the ability to do interdisciplinary research. Offered every other spring semester. Prerequisites: FRE 306 or instructor's approval.

**FRE 359 The Individual in Society II (19<sup>th</sup> – 21<sup>st</sup> centuries)** (3 hrs.) This course examines a wide range of literary works that reveal underlying ideologies and views on social organization, family, marriage, gender, and consumerism. Some of the course objectives: a) to introduce students to the main trends in French literature in 19<sup>th</sup> - 21<sup>st</sup> centuries; b) to read and analyze in depth representative literary texts from multiple perspectives (literary forms, sociopolitical and economic aspects, religious beliefs, features of urban space); c) to help students understand why it is important to place literary works in larger systems of ideas, beliefs and behaviors; d) to develop students' critical thinking and the ability to do interdisciplinary research. Offered in French every other fall semester. Prerequisites: FRE 306 or instructor's approval.

**FRE 360 Literary Moments and Movements** (3 hrs.) The study of a historical period of literary movement. Students will analyze representative literary texts with particular attention to the historical and intellectual contexts in which they were produced. Topics will vary and may include Classical Drama, Philosophy and Philosophers of Enlightenment, Romanticism, Realism and Naturalism, Quebec's Contemporary Novel. Prerequisites: FRE 306 or instructor's approval.

**FRE 361 Literature and Culture** (3 hrs.) A thematic approach to literature in which students will be encouraged to reflect on the relationships between literature and culture. Topics will vary and may include Scandals, trials and controversy in French Literature; Representations of America in French texts; Literature and the Arts; Science and Literature. Prerequisite: French 306 or instructor's approval. Offered in French.

**FRE 362 Francophone Civilizations** (3 hrs.) An interdisciplinary study of specific cultures in the French-speaking areas such as Maghreb, West Africa, the Caribbean islands, and Quebec. Offered in French every other fall semester. Prerequisite: French 306 or instructor's approval.

**FRE 363 French Civilization** (3 hrs.) This course is required for the French major and fulfills the civilization requirement for the French minor. It examines French life, history, sociopolitical trends, ideas, values, and institutions from an interdisciplinary perspective. It is intended as a background for students who study literature, culture, and social sciences, as well as a critical course for students who prepare to teach French or other subject matters in the Humanities. Offered in French every other spring semester. Prerequisite: French 306 or instructor's approval.

**FRE 425 Senior Honors Thesis/Project** (3 hrs.) Students majoring in French who wish to graduate with Honors in their subject area may elect to write a thesis or complete a project during their senior year. The topic and nature of the thesis or project will be determined in consultation with the instructor. The student must receive a grade of A for this work in order to graduate with Honors. Prerequisites: Three 300-level courses and permission of the instructor.

## GTS – Global and Transnational Studies

**GTS 105 International Student Transition Seminar** (1 hr.) International Student Transition Seminar is a one-credit hour seminar course designed for new international students. The course offers a general orientation to American culture and to Westminster College campus culture. The course covers subjects such as adjusting to American culture and communication styles, developing a successful financial plan, workplace/classroom etiquette, navigating the American health system, and more. It also covers the rules and regulations all F-1 international students must understand in order to maintain their non-immigrant status. This course is an elective course consistent with our campus commitment to developing “leaders in a global community.” CR/D/F only.

**GTS 110 Introduction to Study Abroad** (1 hr.) This course will introduce students to the study abroad experience. It will focus on why students should study abroad, how students go about studying abroad, and where they may want to study abroad. The course will also focus on the logistics of preparing to study and travel abroad.

**GTS 115 Making Sense of Study Abroad** (1 hr.) This course helps students reflect on their study abroad experience. Study abroad is a basic global experience, putting students in a different culture outside of their own cultural comfort zone. The act of spending an extended amount of time in a different culture makes the students transnational actors. The class will discuss the similarities and differences in cultures, the underlying structures of globalization that the students observed or experienced, and whether their perception of America (or their home countries) has changed. Formal writing, group interaction, and power point presentations are required for satisfactory completion of the course.

**GTS 201 Introduction to Global & Transnational Studies** (3 hr.) An introductory examination of the interconnected, multi-cultural, multi-national "global village" in which we live and work today, with special attention to social and cultural conflicts, problems and prospects. The course is designed to introduce and demonstrate the importance of Global & Transnational Studies in today's world and in the lives and careers of students. Students from all majors and backgrounds are welcome.

**GTS 212 Model United Nations Team** (2 hr.) Students will develop the skills of research, writing, debate, and negotiation in order to participate in the Westminster College Model United Nations team. Students will explore one country in depth and examine a range of global issues as they prepare to represent their country at the American Model United Nations Conference in Chicago.

**GTS 306 West European Government and Politics** (3 hrs.) A study of the foundations, structures and functions of the governments of selected major European countries. Offered every other spring semester. Prerequisites: GTS 201 or HIS 106 or POL 112 or POL 212 or SEC 201 or permission of the instructor.

**GTS 308 Post-Soviet Politics** (3 hrs.) An examination of the history of the Soviet political system since 1917; the influence of ideology; the role played by the Communist Party, the bureaucracy, interest groups and other actors; political culture, socialization and participation; current economic and social policy issues; and the future evolution of the system. Prerequisites: GTS 201 or HIST 106 or POL 112 or POL 212 or SEC 201 or permission of the instructor.

**GTS 310 Memory and Culture in Global Perspective** (3 hr.) What do we really know about the past? How do we acquire and internalize knowledge about our own lives, our family histories, or the events that shaped the societies, nations, and other groups to which we belong? Is this storehouse of “memory” reliable? How skeptical should we be about information that is presented to us about our collective past? This seminar will begin by reviewing influential writings on the social, cultural, and historical dimensions of memory. Participants will then examine case studies from different parts of the world in which people try to come to terms with challenging, even disturbing, collective experiences. The role of social memory will be explored in connection with national and transnational identities, religion, cultural trauma (e.g. slavery, genocide), truth and reconciliation efforts, monuments and commemorations, transition justice, and related topics. Finally, we will ask whether global media and education are creating a store of shared memory that is more truly transnational than ever before in history. The seminar welcomes all students who have completed at least one introductory course in the social sciences or humanities (including interdisciplinary listings). Prerequisites: Any ONE of the following—GTS 201, SOC 111, ANT 115, HIS 109, HIS 110, PHL 101, POL 212, PSY 112, PSY 113—OR instructor permission.

**GTS 320 Global Inequality** (3 hr.) This seminar will examine economic inequality in global, historical, and socioeconomic perspective. After briefly reviewing classic works on the origin and nature of inequality, we will survey the broad sweep of economic history and then consider inter- and intra-national inequality from the perspective of a political economy of the world system. Although the focus is primarily on economic dimensions, there will be some attention to intersections with gender, race/ethnicity, religion, age and other axes of inequality. Writing-Intensive. Prerequisites: Any one of the following: GTS 201, BUS 340, ECN 211, ECN 212, SOC 111, POL 212, or instructor permission.

**GTS 325 Middle East and North African Politics** (3 hrs.) An examination of political issues within and between the countries in the Middle East and North Africa. In this course, students will examine the role of religion in politics, the causes and consequences of military conflicts in the region, efforts to promote (and diminish) the rights of marginalized groups, and the wide diversity of political institutions that exist in the area. Prerequisites: GTS 201, SEC 201, POL 212, or permission of the instructor.

**GTS 330 The Global City** (3 hr.) This seminar offers an intensive survey of social science literature on the city in global perspective. Topics examined will typically include: classical perspectives on urbanism and urbanization; historical transformations in the relationship between city and country; the role of cities in regional, national, and pan-national development; transnational inter-city networks; cities as platforms for collective action, including protest; as well as the impact of such factors as new inequalities, cultural flows, digital connectivity, human security, urban social problems, transnational migration, terrorism, and war. Prerequisites—any one of the following: GTS 201, ECN 110, ECN 211, POL 212, SOC 111, or instructor permission.

**GTS 346 Chinese Politics and Influence** (3 hrs.) An examination of how China's emergence as an economic, diplomatic, and military heavyweight is shifting the global balance of power, shaping the responses of governments and intergovernmental organizations, and posing fundamental questions about the nature of world order itself. Prerequisites: GTS 201, SEC 201, POL 212, or permission of the instructor.

**GTS 401 Research Seminar** (3 hr.) This interdisciplinary seminar is open to any student with an interest in national, transnational, and global issues and who has met the specified prerequisites. Its core objective is to cultivate an ability to comprehend, discuss, and produce scholarly research at an advanced undergraduate level. Required readings cover seminal works and exemplary texts in transnational and international studies. In class meetings, students work as a collaborative team to analyze assigned readings and provide feedback on classmates' research. During the initial weeks of the course, students submit research proposals and begin assembling relevant scholarly sources. In the remainder of the term, students prepare cumulative portions and rough drafts of a research paper, culminating in a final draft approximately 25 pages in length. The most outstanding papers will be submitted as a session for the spring Undergraduate Scholars Forum. 3 credit hours. Prerequisites: GTS 201 or instructor permission; junior or senior status.

**GTS 402 International/Transnational Studies Senior Thesis I** (3 hr.) Students majoring in Global & Transnational Studies who have a cumulative GPA of 3.30 or higher in the major may elect to write a senior thesis for honors recognition. "Graduate with Honors" will be noted on their transcript provided they complete the thesis with a grade of B or better. Prerequisites: GTS 401.

## GEO – Geology

**GEO 108 Introduction to Physical Geology** (4 hrs.) Introduces the major concepts in the field of geology. Topics to be covered include rock and mineral identification, map reading, theory of plate tectonics, surface and subsurface hydrology, landform, geologic hazards, and environmental issues. Satisfies natural science lab requirement. The lab portion of the course provides "hands-on" experiences laboratory work, as well as off-campus field trips. GEO 108 will satisfy the Scientific Inquiry (lab).

**GEO 110 Earth Systems** (4 hrs.) This course evaluates basic geographical and earth science principles and processes in the lithosphere (soils and landforms), hydrosphere (hydrologic cycle), atmosphere (weather and climate), and biosphere (biogeography). Study of the relationships between the natural environment and human habitation on the Earth. Lab and field exercises and data evaluation will give students an appreciation of the tools of study and more detailed look at the entire system of the Planet Earth in which there is human interaction. Offered every other spring semester.

**GEO 116 Environmental Geology** (4 hrs.) Geology of natural hazards in the environment, such as volcanoes, landslides, earthquakes, mass wasting and landslides, subsidence, weather, and tsunamis. The course provides "hands on" experiences. In addition to laboratory work, off-campus field trips will be required. Offered every other year in the spring semester.

**GEO 203 Historical Geology** (4 hrs.) A physical history of Earth that examines the processes responsible for creating a dynamic planet. This course evaluates the origins of Earth, changes in continents/ocean basins as it relates to plate tectonics and how these changes influenced climates, environments, and ultimately life. Students will apply concepts from GEO 108 and focus on specific examples of prehistoric organisms and their interaction within the surrounding environment in which they lived. Based on information recorded from the rock and fossil record, a better comprehension of the delicate relationship between organisms and their surrounding environment will be gained. Course content will be complemented with field and laboratory components. Prerequisite: GEO 108

**GEO 302 Geoscience: Perspectives & Creative Design** (3 hrs.) This interdisciplinary course will challenge students to expand on geological content and concepts presented in GEO 108, as well as new material, by engaging in projects that promote and explore new perspectives and creativity. Students will utilize a variety of artistic mediums to express the comprehension and appreciation of various subjects related to the geosciences in more meaningful ways. Prerequisite: ART 230, ART 231, or GEO 108

**GEO 305 Hydrogeology** (3 hrs.) Natural water systems both on and beneath the surface will be investigated. Issues receiving particular attention will include behavior and characteristics of natural systems, human impacts on the systems (including contamination and flooding), and water quality and public health. Offered every other fall semester. Prerequisites: GEO 108 or 110 and MAT 111, 121 or 124 and CHM 105/106 or CHM 114/115.

**GEO 310 Introductory Soil Science** (4 hrs.) Nature, properties and distribution of soils and their relationship to the influence of vegetation, climate, landforms, and human activity. Understanding how soils form and how and why they vary horizontally across the landscape and vertically with depth. Emphasis upon North American patterns. Required field trips and labs. Offered every other fall semester. Prerequisites: CHM 114/115 and GEO 108 or 110.

**GEO 315 Anthropocene Geology** (3 hrs.) This course will expand on important environmental issues during the most recent portion of geologic time, known as the Anthropocene. Primary focus will be on the hydrosphere and atmosphere, and how human activity affects various parts of these systems. Therefore, content will include topics associated with the relationship between human activity and climate change, as well as environmental contamination. In addition, students will also become familiar with a variety of natural hazards and disasters and learn how to prepare and respond to such events. Prerequisite: ENV 105 & GEO 108

**GEO 317 Surficial Geology** (4 hrs.) This course focuses on the physical, chemical, hydrological, and biological processes responsible for shaping and creating various geological surface features and environments. Content includes an in-depth look at weathering, erosion, transporting agents, sedimentation and deposition, soil formation, classification and distribution of soils, soil processes, and landscape evolution. Course content is designed to illustrate the dynamics of Earth's past and future surface environmental changes. A primary focus of the course discusses the relationship between process and surface form, as well as consequences of landscape alteration due to human activities. Lecture material will be complemented with field and laboratory components. Prerequisite: GEO 108

**GEO 320 & 321 Geology and Environment of the National Parks Seminar & Trip** (4 hrs.) Hands-on opportunity to learn geology field techniques, do a cooperative planning effort, and to study on-site the geology and environment of the national parks of the United States and/or Canada. Following a preparatory spring seminar (GEO 320), the one to three-week Summer Session course (GEO 321) will be taught on an off-campus field trip in the United States and/or Canada. Some of the study will be led by federal and state personnel. The geology and environment will be studied at individual national parks, as well as regionally. May be taken more than once for credit.

**GEO 325 Geomorphology** (3 hrs.) Landforms of the continents and marine basins and the physical processes that create and fashion them. In addition to external agents, such as running water, glacial ice, gravity, and waves, the internal forces that create landforms are evaluated. Emphasis upon North American geomorphic patterns. Offered every other spring semester.

**GEO 327 Weather and Climate** (3 hrs.) This course examines the processes and patterns found in the Earth's atmospheric system on a daily basis (weather) as well as a statistical average (climate). The course also examines the effect weather and climate have on the environment in which we live. The course will have a focus on short-term energy input, atmospheric motion and moisture considerations, weather forecasting, climate change, microclimates, and energy balance. Offered every other fall semester.

**GEO 330 Application of Geographic Information Systems** (4 hrs.) Basic study of Geographic Information Systems, particularly ARCGIS software and applications to a variety of disciplines. Course will involve extensive hands-on use of ARCGIS and the development of maps and projects in several disciplines. Offered every other spring semester. Prerequisites: Junior standing and a Tier I math course.

**GEO 335 Paleontology** (4 hrs.) This course will cover invertebrate and vertebrate fossils throughout geologic time and discuss phylogenetic relationships and evolutionary history of important taxonomic groups. Unique morphological characteristics and adaptations will be highlighted and discussed. Furthermore, there will be a focus on the relationship between form and function. Students will learn how to make environmental interpretations based on morphological characteristics. Course content will be complemented with field and laboratory components. Prerequisite: GEO 108 & GEO 203

**GEO 340 Earth Materials** (4 hrs.) This course focuses on mineral and rock resources in both hand sample and thin section. It addresses the natural processes responsible for formation, distribution, and abundances of these resources. Students will be introduced to the basics of crystallization and physical properties based on elemental chemistry, as well as petrographic techniques. This course will also concentrate on common mineral and rock resources that are important to human society and future progress by clarifying how these resources are mined, extracted, utilized, and become cause for environmental concern. Lecture material will be complemented with field and laboratory components. Prerequisite: GEO 108

## **HIS – History**

**HIS 101 British History to 1800** (3 hrs.) An introductory course covering British/British Isles social, intellectual, cultural and political history.

**HIS 102 Survey of British History from 1800 to the Present** (3 hrs.) An introductory course covering British social, intellectual, cultural, and political history.

**HIS 103 History of the United States to 1877** (3 hrs.) A survey course covering American social, intellectual, economic and political development from pre-colonial times to 1890.

**HIS 104 History of the United States since 1877** (3 hrs.) A survey course covering American social, intellectual, economic and political development from 1890 to the present. A student may take this course without having had HIS 103.

**HIS 109 World History I** (3 hrs.) This course will emphasize the economic, cultural, and political interrelationships between different parts of the world as well as the global issues that define the modern era.

**HIS 110 World History II** (3 hrs.) This course will cover global history from the Enlightenment to the present. It will lay a foundation for understanding the breadth of human experience and how that experience has shaped the world we live in. Rather than focus solely on the separate development of civilizations, this course will emphasize the connections between cultures. In other words, we will look at cross-cultural interactions and compare global reactions to common problems. Additionally, this course will expose students to historical methods, thereby enabling students to discover the complexity of past and present events, to examine the interrelationship of such factors as politics, economics, race, gender, culture, and religion, and to reflect more thoughtfully on the national and international issues that face them today.

**HIS 279 African Civilization** (3 hrs.) A general survey of economic, political, and cultural world of sub-Saharan Africa from ancient times to the present. Offered in alternate years.

**HIS 310 Topics in Public History** (3 hrs.) Public History encompasses all the ways in which the study of the past is presented to the public in a non-academic way. In other words, it is the fun way of learning history. This course offers multiple ways for students to examine the theory behind different aspects of Public History and then allows them to gain practical experience of the discipline through either high-impact, project-based, or service-learning assignments or through dedicated travel courses.

**HIS 335 Topics in U.S. Social, Cultural, or Political History** (3 hrs.). This course explores an aspect of domestic U.S. History which sheds light on broader issues surrounding the nation's identity. Topics are selected based on the most pressing issues facing society today. Students will gain vital research, writing, and presentation skills while engaging with thought-provoking and often challenging subjects.

**HIS 340 Topics in Diplomatic and Military History** (3 hrs.). Beginning as a relatively small nation of thirteen states tied to the East Coast of North America, the United States rapidly ascended to a position of global preeminence through aggressive territorial expansion and through a series of military engagements. The policies and processes involved left a profound impact on the lives of those affected and on the course of world history. This class offers a deep examination of one aspect of U.S. Diplomatic or Military History to illuminate the causes and consequences of the United States' rise to superpower status.

**HIS 350 Topics in Early World History** (3 hrs.). This course uses a variety of different topics to explore traditions, change, and growing connections in the pre-modern world. Components of the course include seminar style discussions of primary sources and scholarly articles, research projects, and project presentations. Examples of topics include Medieval Pilgrimages (world religious and travel history) and the Vikings (Medieval Scandinavian, Islamic, Eastern European, and North American history with an emphasis on archaeology as history and modern political and cultural influences).

**HIS 360 Topics in Modern World History** (3 hrs.). This course uses a variety of different topics to explore the connections and themes of the post-1500 world. Components of the course include seminar style discussions of primary sources and scholarly articles, research projects, and project presentations. Examples of topics include Deviant and Degenerate Art (world history through culture from 1800-1980) and WWI and the Treaty of Versailles (military, diplomatic, and colonial world history from 1900-1960).

**HIS 390 Historical Methods** (3 hrs.) This course allows students to study the philosophy and methods of historical research, writing, and thinking. History majors and minors should enroll in this course in the Spring semester of their sophomore year. Prerequisites: Two 100-level history courses or permission of the instructor.

**HIS 396 Applied History** (1 hr.) This course is designed for History Majors and Minors to focus their practical and intellectual skills toward a rewarding career after graduation. The course will help students explore career/grad school options, connect them to graduates who have excelled in a variety of fields, help them find professional opportunities to present and publish their work, help them develop and refine a stellar cover letter and resume, and help them practice job talks and job market etiquette. Prerequisites: HIS 390, or with the consent of the instructor

**HIS 397 History for the Public** (1 hr.) This course is open to History Majors and Minors who have completed - or who are currently working on - their undergraduate thesis. It introduces them to the many ways they can present their work to the public including conference presentations, op-eds, journal articles, museum displays, documentary films, and more. Students will be expected to present their work in one or more of these outlets by the end of the course. In doing so, this course will enhance both their professional skills and profile. Prerequisites: HIS 390, or with the consent of the instructor

**HIS 398 Independent Study** (1-3 hrs.) Systematic reading, guided by members of the department, on particular historical periods, problems, or personalities. Enrollment by permission of the instructor.

**HIS 422 Senior Thesis** (2 hrs.) The practical application of the techniques of historical research preparatory to HIS 423. Required of all history majors in the fall semester of the senior year. Prerequisites: HIS 390.

**HIS 423 Senior Thesis** (3 hrs.) The practical application of the techniques of historical research, analysis, and composition culminating in a thesis. Students will defend their theses in seminar. Required of all history majors in the spring semester of the senior year. Prerequisite HIS 422.

**HIS 424 Senior Thesis** (1 hr.) Rewriting the senior thesis based on faculty and student critiques.

## HUM – Humanities

**HUM 277 Spanish Civilization** (3 hrs.) An introduction to Spanish civilization from its beginnings to the present. Offered in English every spring semester.

**HUM 278 Latin American Civilization** (3 hrs.) An introduction to the culture and civilization of Latin America, from the colonial period to the present, with concentrated study of contemporary Latin American culture. Includes historical, social and economic aspects, as well as art and literature. Offered in English every fall semester.

**HUM 294 Introduction to the French-speaking World** (3 hrs.) An overview of French speaking cultures outside of Europe. Topics considered include the historical connections between France and the non-European Francophone world; the impact of colonialism on indigenous cultures, social relationships, and means of artistic expression; the interdependence of language and culture; and current issues of economic and political concern. Offered in English every other spring semester.

## PHL – Philosophy

**PHL 101 Introduction to Philosophy Through Film** (3 hrs.) This course utilizes films and media to help explore the major areas of philosophy relating to who and what we are and how we should live our lives. More specifically, it explores questions relating to the belief in God; knowledge of the world; the relationship between minds, bodies, and persons; freedom and responsibility; and ethics and morality. Offered each semester

**PHL/REL 102 World Religions** (3 hrs.) One of the most pressing problems of the 21st century is religious pluralism: We live in a world, in a nation, and in an academic community that is religiously diverse. How will we relate to persons who are different from one another and from us in terms of religious orientation? Will we choose to relate in ways that are healthy or ways that are harmful? For unless we know what persons of faith believe and value and do, we cannot relate in positive ways to them. This course will strive to understand a number of the varied religious traditions of the world in a way that is fair, open-minded, objective, and kind. “Agreeing” with the various religions we will be studying is not required; however, “understanding” them is. Typically offered every semester.

**PHL 120 History of Philosophy** (3 hrs.) This course explores the history of western philosophy with an emphasis on the ancient, medieval and modern philosophical eras. Pursued chronologically, most attention is given to central figures such as Socrates, Plato, Aristotle, Aquinas, Descartes, Locke, Hume and Kant though a broader range will be investigated with an emphasis on their views relating to ethics, political theory, and metaphysics/epistemology (relating to the nature of reality and how we come to know such). The course also focuses on applying historical philosophical thought to our contemporary world.

**PHL 212 Introduction to Ethics** (3 hrs.) An introductory survey that begins with a brief introduction of ethical theory before moving on to explore specific applied ethical issues such as the following: abortion, euthanasia, sexual morality, human cloning, animal rights, war and terrorism, and distributive justice. The focus of the course is developing critical ethical reasoning that enables deeper normative insights in to how we should live our lives. Offered each spring.

**PHL 218 Introduction to Logic** (3 hrs.) Drawing from a broad spectrum of controversial issues, this course is a systematic introduction to techniques for constructing, analyzing, and evaluating arguments using ordinary language instead of formal systems of inference. Offered every other spring.

**PHL 242 Biomedical Ethics** (3 hrs.) The course begins with a brief introduction to ethical theories and to major moral principles used in analyzing problems in biomedical ethics. Theories and principles are then applied to a sampling of biomedical cases such as the following: severely impaired newborns and their parents’ right to refuse treatment for them; the justification for genetic manipulation and screening; physician-assisted suicide; doctor-patient confidentiality and informed consent; the use of fetal-cell tissues; living wills and their relationship to personal identity. The readings include analyses by physicians, jurists, and philosophers of the ethical and philosophical questions raised by the cases and issues considered.

**PHL 244 Business Ethics** (3 hrs.) A study of moral problems arising in business and industry: consumer rights, property rights and employee rights; the obligations of employees, owners and managers, governmental regulation and economic justice.

**PHL 246 Environmental Ethics** (3 hrs.) An examination of ethical issues arising from our use of natural resources, animate and inanimate, and different ethical perspectives regarding our relationship to the rest of the natural world (both now and in context of future generations). Most of the course is devoted to examining contemporary environmental issues (pollution, global warming, preservation of species, etc.) using traditional ethical theories, biocentric and ecocentric ethics, deep ecology, and concepts from economics and policy analysis. Offered every other spring semester.

**PHL 302 The Meaning of Life** (3 hrs.) What is the meaning of life? Most of us have asked this question of ourselves and perhaps of other people we respected. For, in addition to understanding the world in which we live, we want to make sense of how to make our own lives as meaningful as possible to know not only why we're living, but that we're living our lives with intention, purpose, and commitment. Through interesting and pertinent books, writing selections, films, and a community service/experiential learning project, this course will address this profound, abstract, and personal question. Prerequisite: One PHL or REL course, or permission of the instructors.

**PHL 320 Philosophy & Literature** (3 hrs.) This course examines philosophy, and particularly existentialist philosophy, through literature. We will focus on existentialist themes involving life's meaning, authenticity, freedom/responsibility, and identity as exemplified by the works of Dostoevsky, Kierkegaard, Nietzsche, Ortega, Heidegger, Sartre, de Beauvoir, and Camus. We will pursue these topics both through primary and secondary philosophical essays, and also through the literary works of such writers as Camus, Kundera, Barth, Crumey, and Hesse. Prerequisites: Any one of the following PHL 101, 212, 221, 222, 242, 244, 246; ENG 204, 205, 206, 238, 239, 248, 249; CLA 215; FRE 280; GER 204; LAT 204.

**PHL 324 Genetic Manipulation** (3 hrs.) This seminar provides an interdisciplinary examination of practices and policies relating to actual or imagined genetic manipulation of human beings and other life forms. We will discuss the history and practice of eugenics, the attempt to create "better" offspring, and its relationship to potential genetic technology. In part drawing from a Rawlsian framework we will discuss issues such as human cloning, genetic screening, and genetic manipulations of humans in light of principles such as justice, fairness, discrimination and other values such as the sanctity of life. We will also consider broader genetic manipulation of plants and animals and resulting ethical controversies from broadly scientific, ecological, philosophical and religious perspectives. Prerequisite: Any ONE of the following: Bio 114/115, BIO 328 BIO 124/125, BIO 100 General Biology I, PHL 101, 212, 221, 222, 242, 244, 246, or REL 101, 102.

**PHL 333 Asian Philosophy and Religion** (3 hrs.) The purpose of this course is to provide a detailed overview of the key thinkers and issues of the four major traditions of Eastern Philosophy: Indian, Chinese, Japanese, and Islamic. A variety of primary and secondary source readings are used to elucidate issues in metaphysics (including philosophy of religion), epistemology, ethics, political philosophy, and aesthetics. Prerequisite: Any ASN, PHL or REL course.

**PHL/REL 342 Philosophy, Religion, and Science (3 hrs.)** The common perception today is that, for centuries, science and religion have stood in conflict with each other—e.g. as demonstrated by conflicting perspectives between Charles Darwin and the Bible concerning the theory of evolution. Philosophy itself was foundational to scientific inquiry, though its approach differs from both science and religion and can also be seen by some as adversarial to each. This course explores three themes—cosmology and creation, evolution and providence, and genetics and human nature—from the vantage points of philosophy, religion, and science with the goal of presenting a fresh conversation between these fields which does not reduce to adversarial positions. Prerequisite: One course in philosophy or religious studies or one course in the natural sciences, or permission of the instructor.

**PHL 398 Independent Study** (1-4 hrs.) This course permits advanced study of topics not covered in regularly offered courses on a research-tutorial basis. The topic is defined by the student in conference with the instructor. Prerequisite: two previous courses in philosophy, a major or minor in philosophy, and permission of instructor.

**PHL 410 Major Areas of Philosophy** (3 hrs.) An intensive study of a major area of philosophy such as philosophy of religion, Eastern philosophy, ethics, metaphysics, epistemology, or philosophy of mind. May be repeated for credit with change of topic. Prerequisite varies depending on course.

**PHL 420 Major Philosophers** (3 hrs.) An intensive study of the thought of a single major philosopher such as Plato, Aristotle, Hume, or Kant. May be repeated for credit with change of topic. Prerequisite varies depending on course.

**PHL 430 Philosophical Problems** (3 hrs.) An intensive study of a relatively specific philosophical problem such as evolution vs. Intelligent Designer Theory, genetic manipulation (relating to human cloning/ eugenics), the mind-body problem, animal rights, philosophy of death and dying. May be repeated for credit with change of topic. Prerequisite varies depending on course.

## **POL – Political Science**

**POL 112 Introduction to Political Science** (3 hrs.) An introductory study of political action, institutions and argument. Some current controversies in American politics will be considered, together with the experience of other countries where comparison is helpful.

**POL 211 American Government and Politics** (3 hrs.) An introduction to American government and politics through an examination of interactions between citizens and political institutions in the formation and the execution of public policies.

**POL 212 Introduction to International Relations** (3 hrs.) This course explores key issues in the international system including war, terrorism, human rights, and international law, international institutions like the United Nations, and theories of international relations.

**POL 301 The American Presidency** (3 hrs.) A study of the modern American presidency in terms of its concepts and controversies. Prerequisites: POL 211.

**POL 304 American Political Theory** (3 hrs.) Focuses on the political philosophies expressed in the Declaration of Independence and the U.S. Constitution. Considers the viability of these philosophies in the context of contemporary American society and politics. Prerequisites: POL 112 or 205, or permission of the instructor.

**POL 305 International Law and Organizations** (3 hrs.) An analysis of the nature, sources, function and development of international law and organizations with special reference to the role and function of the United Nations' system for resolving international disputes. Prerequisites: POL 212 or permission of the instructor.

**POL 306 West European Government and Politics** (3 hrs.) A study of the foundations, structures and functions of the governments of selected major European countries. Offered every other spring semester. Prerequisites: GTS 201 or HIS 106 or POL 112 or POL 212 or SEC 201 or permission of the instructor.

**POL 308 Post-Soviet Politics** (3 hrs.) An examination of the history of the Soviet political system since 1917; the influence of ideology; the role played by the Communist Party, the bureaucracy, interest groups and other actors; political culture, socialization and participation; current economic and social policy issues; and the future evolution of the system. Prerequisites: GTS 201 or HIST 106 or POL 112 or POL 212 or SEC 201 or permission of the instructor.

**POL 311 Political Parties, Voting and Campaign Strategies** (3 hrs.) Reviews the evolution and role of political parties and elections in the American political system. Examines the decline-of-parties thesis and recent developments in campaign strategy. This course is offered in the Fall semester of even-numbered years and students are required to participate in political campaigns of their choice. Prerequisites: POL 112 or 211.

**POL 314 American Constitutional Law and Politics** (3 hrs.) This course, (1) explores how the decisions of the U.S. Supreme Court have influenced the country's understanding of the Constitution, (2) considers the political forces that shaped the decisions, as well as the political effects of those decisions and (3) details the contours of the significant rights articulated in the decisions. Prerequisites: POL 211.

**POL 316 American Jurisprudence** (3 hrs.) This course, (1) introduces and critiques the major philosophies of law, (2) applies these philosophies to various issues and cases and (3) orients the student to legal reasoning and other legal methods of analysis and inquiry. This course should help prepare students for the study of law, or law-related topics. Prerequisites: POL 211.

**POL 324 Central Europe** (3 hrs.) This course will examine the unique problems of this region from an interdisciplinary perspective. Since the demise of the Cold War in 1989, and with it the collapse of the wall between eastern and western Europe, this region has become a crucible for a changing world order and a changing Europe. Analysis of a series of current themes from a political science and a historical perspective will form the backbone of the course. We will also look at the issues from both a regional and a national point of view. These topics will include: the reunification of Germany; the ethnic/nationality question; the legacy of communism; the rise of neo-fascism; diplomatic integration into NATO or the European Union; tensions over Ukraine. Prerequisites: HIS 110, GTS 201, or POL 212.

**POL 325 Middle East and North African Politics** (3 hrs.) An examination of political issues within and between the countries in the Middle East and North Africa. In this course, students will examine the role of religion in politics, the causes and consequences of military conflicts in the region, efforts to promote (and diminish) the rights of marginalized groups, and the wide diversity of political institutions that exist in the area. Prerequisites: GTS 201, SEC 201, POL 212, or permission of the instructor.

**POL 326 Environmental Politics and Policy** (3 hrs.) This course seeks to explore and understand four broad, interrelated topics: (1) the major political processes, actors, conditions and controversies involved in the formulation and implementation of environmental policies at the local, national and international levels; (2) some of the major pieces of legislation that constitute environmental policy in the United States and the world community; (3) some of the techniques and approaches that policy analysts employ to assess the effectiveness and costs of environmental policies and (4) issues that will shape environmental politics and policies in the immediate future, such as population growth, global warming, habitat destruction and resource depletion. Offered every other fall semester. Prerequisites: POL 112 or POL 211 or ENV 105.

**POL 328 National Security Agencies** (3 hrs.) To understand the politics and processes of national security, we must have an understanding of the national security labyrinth at the national level. The purpose of this course is to ensure the students' knowledge about the institutional design, oversight mechanisms and shortcomings, missions, and relationship of the varied institutions of the national security bureaucracy. Prerequisites: POL 211, SEC 201, or permission of the instructor.

**POL 332 National Security Law I** (3 hrs.) The purpose of this class is to provide an understanding of the sources, impact and limitations of laws that impact the national security of the United States. We will look at the three branches of government and the roles that each plays in the legal environment related to national security. Additionally, there will be discussion of international laws and their effect on the security of the United States. Prerequisites: Any of the following: POL 211; POL 301; POL 305; POL 314; POL 362; any Security Studies course (SEC designation); OR permission of the instructor.

**POL 333 National Security Law II** (3 hrs.) This class delves deeply into legal issues facing national security, including traditional legal frameworks, and legal questions in emerging areas of national security law. Prerequisite: POL 211, POL 301, POL 305, POL 314, POL 362, or any Security Studies Course.

**POL 335 Politics and Security of Developing Nations** (3 hrs.) In this course, students will undertake a comparative investigation of the political dynamics of the developing world. Looking across Latin America, Asia, and Africa, students will identify and contrast patterns of political behavior across regions and analyze models of economic development, governance, and security challenges that occur in the developing world. By taking a policy-making perspective, students will assess problems and analyze solutions to current issues in developing nations. Prerequisites: POL 112, 212, SEC 201 or permission of the instructor.

**POL 337 Human Rights and Security** (3 hrs.) This course examines the evolution of the international system of human rights. It will consider fundamental legal, moral, and political debates related to human rights and look for avenues to make progress in human rights protection. It will also examine the relationship between human rights and human security and the challenges associated with the provision of human security in the 21st century, with special attention paid to human trafficking and economic development. Prerequisites: POL 112, 212, SEC 201, GTS 201, or permission of the instructor.

**POL 342 U.S. Supreme Court** (3 hrs.) This course is intended to provide insight into the United States Supreme Court. It will cover subjects that include, but are not limited to: understanding Supreme Court opinions; how justices are chosen to sit upon the Court; the reasons why the Supreme Court makes the decisions it does; and the impact of the Supreme Court on the political and legal landscape in the United States. Prerequisite: POL 211 or permission of the instructor.

**POL 343 Congress** (3 hrs.) This course will broadly examine the legislative branch of the United States government. Topics include: elections, committees, inter-branch relations, and spatial models of voting. The roles of Congress in our political system are two-fold: 1) to represent issues and concerns of the citizenry; and 2) to make policy for the nation – "to govern." How does the structure of Congress impact the behavior of its members? What makes for "quality" representation? These questions, and more, will be discussed in this course. Prerequisites: POL 112, POL 211 or permission of the instructor.

**POL 345 Politics and Film** (3 hrs.) Film and visual images can help us understand contemporary politics. Films often shape and illustrate the public's perception of politics. This course will examine the portrayal of politics in movies. The course will have different themes each semester it is taught, including, but not limited to, the American presidency, race and gender, legislative politics, war, terrorism, and elections. Prerequisites: Any of the following: FAR 215, HIS 104, POL 112, or POL 211.

**POL 351 Women and Politics** (3 hrs.) This course explores the connection between gender and politics in America and in international contexts. Topics under investigation include political participation and the exercise of political leadership by women, the evolution of social movements in support of women's rights, critical social and political issues of concern to women such as health, employment, security, and education, and debates over relevant public policies. Prerequisites: POL 112, 211, 212, WGS 210, or permission of the instructor.

**POL 362 American Foreign Policy** (3 hrs.) A study of the diplomatic process designed to provide a realistic insight into the stresses and demands upon modern policy-making, including the roles of the president and Department of State. The course includes an analysis of postwar American programs, policies and difficulties in foreign affairs. Prerequisites: POL 211 or 212.

**POL 370 Drugs, Politics and Public Policy** (3 hrs.) Examines the response of the American political system to the use of psychoactive drugs. Class will consider questions pertaining to the explanation of human behavior, the structure and dynamics of American society and politics, the formation of public policy and fundamental issues of moral and political philosophy to encourage critical and sophisticated thought regarding the actual and desired relationship of American citizens with psychoactive drugs and possible political strategies for responding to perceived issues. Prerequisites: POL 112, or 212.

## **PSY – Psychology**

**PSY 112 Psychology as a Natural Science** (3 hrs.) An introductory analysis of mental processes and behavior from the perspective of natural science. Includes such topics as the nervous system, sensation and perception, animal and human learning, cognition, memory, and intelligence. Includes a computer-based laboratory designed to explore methodology and key concepts. Offered every semester.

**PSY 113 Psychology as a Social Science** (3 hrs.) An introduction to human behavior and mental processes from the social science perspective. Includes such topics as social inference, interpersonal relations, cognitive and social development, personality structure and function, motivation and emotion, stress and adjustment, abnormal behavior, and psychotherapy. Includes a computer-based laboratory designed to explore further course topics. Offered every semester.

**PSY/EDU 221 Educational Psychology** (3 hrs.) The application of psychological principles of learning, cognition, and child and adolescent development to the educational process in elementary and secondary schools. Topics include the impact of psychological knowledge on student learning, teaching, motivation, management of the classroom, and assessment of student learning. Offered every spring.

**PSY 231 Sports Psychology** (3 hrs.) An examination of the psychological factors influencing participants and, to a lesser extent, spectators in sport. Topics include the use of behavioristic principles to develop skills, and the effects of causal attribution, attention, anxiety, coaching strategy, and imagery on athletic performance. Additional special topics include audience effects, children in sports, and the psychological benefits of exercise. Offered every fall.

**PSY 270 Research Tools** (3 hrs.) A hands-on exploration of how the psychologist uses the computer to search for literature, analyze data, and report results. Through a series of exercises using primarily PC computers in the psychology laboratory, students learn how to use the Internet to search for previously published research, how to locate and use electronic literature, how to use statistical packages such as Jamovi, and how to generate graphs and other APA style documents. Prerequisites: PSY 112, PSY 113, and MAT 114. Offered every fall.

**PSY 274 Methods in Experimental Psychology** (3 hrs.) An examination of experimental methods and designs utilized in laboratory research. Topics include the assumptions of science, hypothesis formation, statistical analysis of data, and assessment of theory. Also technical skills associated with reading literature and presenting findings using APA-style elements are emphasized. MAT 114 Elementary Statistics is recommended but not required. Offered one semester a year. Prerequisites: PSY 112 and 113. Offered every spring.

**PSY 290 Biological Psychology** (3 hrs.) An exploration of the relationship between human behavior and biology. Basic material on genetics, neuroanatomy and neurophysiology is included, although the focus of the course is behavioral and mental phenomena that can be understood better via an analysis of brain function. Topics covered are: vision, learning, memory, motivation, emotion and abnormal behavior. Offered once every two years. Prerequisites: PSY 112 or BIO 114. Offered every odd spring.

**PSY 301 Human Sexual Behavior** (3 hrs.) The focus of this course is on the scientific study of human sexual behavior. Current research findings are presented and discussed in class. Topics include: Human anatomy and sexual functioning, pregnancy/childbirth, sex education, sexual and gender expressions, intimate relationships, as well as sexual problems, infections, and sex therapy. Students will discuss and process their own beliefs, attitudes, and assumptions about sexuality through in-class discussion and assignments. Offered occasionally. Prerequisites: PSY 112 or 113.

**PSY 305 Industrial-Organizational Psychology** (3 hrs.) This course applies the principles of psychology to work and other organizational settings. It presents both traditional industrial applications (personnel selection, job design, training, and performance evaluation), more recent perspectives on organizational performance (group dynamics, romance in the workplace, leadership, problem solving, organizational design, organizational development, and organizational culture and socialization), and recent work in ergonomics and engineering psychology. Offered occasionally. Prerequisites: PSY 112 or 113.

**PSY 310 Social Psychology** (3 hrs.) A survey of the field of social psychology emphasizing social cognition and inference, patterns of interpersonal relationship, the development and change of attitudes, and group structure and function. Offered every fall. Prerequisites: PSY 113.

**PSY 311 Social Psychology Laboratory** (1 hr.) Optional laboratory to accompany PSY 310. Offered every fall. Prerequisites: PSY 113 and either PSY 270 or PSY 274.

**PSY 312 Developmental Psychology** (3 hrs.) A survey of cognitive, emotional, social, and physical development across the lifespan, including the identification of general trends and individual differences in developmental patterns. Offered every fall. Prerequisites: PSY 112 or 113.

**PSY 313 Developmental Psychology Laboratory** (1 hr.) Optional laboratory to accompany PSY 312. Offered every fall. Prerequisites: PSY 113 and either PSY 270 or PSY 274.

**PSY 315 Psychology of Personality** (3 hrs.) A survey of the field of personality, emphasizing historical theories of personality, including those of Freud, Jung, Adler, Rogers, Maslow, and others, modern theoretical approaches including trait theory, the self, person-situation interactions, emotion and motivation, and basic methods of investigation. Offered every odd spring. Prerequisites: PSY 113.

**PSY 316 Personality Laboratory** (1 hr.) Optional laboratory to accompany PSY 315. Offered every odd spring. Prerequisites: PSY 113 and either PSY 270 or PSY 274.

**PSY 320 Memory and Cognition** (3 hrs.) An investigation of theories and research dealing with cognitive structure and processes. Such topics as long- and short-term memory, forgetting, iconic and echoic storage, concepts, heuristics, and problem solving are included. Offered every even spring. Prerequisites: PSY 112 or 113.

**PSY 321 Memory and Cognition Laboratory** (1 hr.) Optional laboratory to accompany PSY 320. Offered every even spring. Prerequisites: PSY 112 and either PSY 270 or PSY 274.

**PSY 330 Addictive Disorders** (3 hrs.) This course will integrate biological, psychological, social and cultural aspects of the use and abuse of a wide variety of psychoactive substances ranging from caffeine to alcohol to heroin. The course will focus on the nature of and criteria for diagnosing substance use disorders (SUDs), and predictors of SUDs. Existing and new/emerging approaches to treatment (medications, counseling, support groups) will also be discussed and explored in class, with a strong focus on reading, understanding, and critiquing original peer-reviewed research on SUDs and their treatment. Offered occasionally. Prerequisites: PSY 274 or PSY 290 or BIO 107 or BIO 114.

**PSY 340 Forensic Psychology** (3 hrs.) This course will explore the basic principles surrounding the interaction of psychology and the legal system. Forensic Psychology's foundation is within the rubrics of psychological, political science and sociological principles. It is inherently an interdisciplinary course due to its interaction between several fields of learning. Students will learn about several areas within forensic psychology including, but not limited to, what forensic psychology entails, the roles of forensic psychologists, use of psychology in the selection of law enforcement, techniques in criminal investigation, risk assessment, child custody cases, interrogation and confessions, insanity and competency to stand trial, and death penalty trials and appeals. Discussions regarding the cooperative and conflicting nature of the relationship between the legal system and psychology will be prevalent. Offered occasionally. Prerequisites: POL 112, POL 211, PSY 113, or SOC 111.

**PSY 364 Stereotyping, Prejudice, and Group Conflict** (3 hrs.) This course uses experimental social psychology as the foundation to explore the affective, behavioral, and cognitive processes associated with group interaction and conflict. Utilizing an interdisciplinary perspective, it will integrate psychological, sociological, political, historical, and security-related approaches to understanding stereotypes, prejudice, and discrimination on a local and global scale. Offered occasionally. Prerequisite: PSY 113.

**PSY 390 Abnormal Psychology** (3 hrs.) This course explores the psychological, cultural, and social factors involved in defining patterns of thought and behavior as abnormal with a focus on mental/psychiatric disorders as defined by the Diagnostic and statistical manual. A strong emphasis is placed on understanding scientific research on predictors of and biological psychological treatments for a wide range of mental disorders (mood, anxiety, personality, substance use, eating/body image, dissociative, psychotic and sexual disorders). Offered every spring. Prerequisite: PSY 113.

**PSY 391 Abnormal Psychology Lab** (1 hr.) Optional laboratory to accompany PSY 390. Offered every spring. Prerequisites: PSY 113 and either PSY 270 or PSY 274.

**PSY 398 Independent Study** (1-4 hrs.) This course gives the psychology major an opportunity to increase his/her/their understanding of psychology as a discipline through a program of individual research supervised by a faculty member. The course may be repeated with change of topic. Enrollment by permission of the instructor. Offered occasionally.

**PSY 405 International and Cross-Cultural Psychology** (3 hrs.) Utilizes an interdisciplinary perspective to focus on a contemporary challenge facing our world: the need to understand persons from different cultures as the globalization of our communications and commerce forces close contact with persons who have a different cultural background from our own. The course includes a cross-cultural examination of many of the basic topics in the field of psychology such as sensation-perception, gender, personality and abnormal. Also focuses on cross-cultural behavioral expectations and fosters development of the skills needed to evaluate a situation and determine the behavioral rules existing in that situation. Offered occasionally. Prerequisites: PSY 113 and one of the following: HIS 334, 356, HUM 277, 278, 294, GTS 201, PHL 102, POL 212, REL 102, SOC 111, WGS 210.

**PSY 412 Counseling Theories and Methods** (3 hrs.) An introduction to the major theories of counseling and psychotherapy, current issues in the field, and applications for specific groups and settings. The course includes both theoretical and experiential components. Offered occasionally. Prerequisites: PSY 113.

**PSY 418/SOC 318 Adult Develop & Aging** (3 hrs.) An investigation of theories and research in adult development, from young adulthood to old age. Emphasizes gains and losses in cognitive, social, emotional, and physical development as well as death and grieving. Offered occasionally. Prerequisites: PSY 112, 113, or SOC 111.

**PSY 422 Psychology Seminar** (3 hrs.) Discussions, readings, and individual papers based on special problems in psychology. Offered every spring. Prerequisites: PSY 112, PSY 113, and either PSY 270 or 274.

**PSY 430 Pre-Thesis** (3 hrs.) The first course in a two-semester sequence for students wishing to complete a senior thesis. Students will be asked to complete an extensive literature review of a topic approved by their thesis advisor. Offered every spring. Prerequisites: PSY 112, PSY 113, and either PSY 270 or PSY 274.

**PSY 431 Senior Thesis** (3 hrs.) The senior thesis is a report of extended library research and an experimental study focusing on a topic chosen by the student and approved by a sponsoring member of the department. Library research is performed during enrollment in pre-thesis and the experimental project is executed while taking this course. Offered every fall. Prerequisites: PSY 112, PSY 113, PSY 270 and 274, completion of PSY 430 with a C or higher, and senior standing.

## REL – Religion

**REL 101 Introduction to the Bible** (3 hrs.) Examines the historical context in which the Bible (including both the Hebrew Bible, Old Testament, and the New Testament) was written, the various types of literature found in the Bible and the important impact of the Bible on the Western cultural tradition. Some attention will be given to the questions of the Bible's relevance in addressing contemporary ethical issues. Typically offered every semester."

**REL/PHL 102 World Religions** (3 hrs.) One of the most pressing problems of the 21st century is religious pluralism: We live in a world, in a nation, and in an academic community that is religiously diverse. How will we relate to persons who are different from one another and from us in terms of religious orientation? Will we choose to relate in ways that are healthy or ways that are harmful? For unless we know what persons of faith believe and value and do, we cannot relate in positive ways to them. This course will strive to understand a number of the varied religious traditions of the world in a way that is fair, open-minded, objective, and kind. "Agreeing" with the various religions we will be studying is not required; however, "understanding" them is. Typically offered every semester.

**REL 302 The Meaning of Life** (3 hrs.) What is the meaning of life? Most of us have asked this question of ourselves and perhaps of other people we respected. For, in addition to understanding the world in which we live, we want to make sense of how to make our own lives as meaningful as possible—to know not only why we're living, but that we're living our lives with intention, purpose, and commitment. Through interesting and pertinent books, writing selections, films, and a community service/experiential learning project, this course will address this profound, abstract, and personal question. Prerequisite: One PHL or REL course, or permission of the instructors.

**REL 305 Perceptions of Death** (3 hrs.) No matter our gender, race, nationality, socio-economic status, and religious commitment, all of us shall one day die. And by whatever term it is referred—passing away, dying, croaking, giving up the ghost, passing, becoming fertilizer, succumbing to physical finitude, falling asleep (the euphemism in the time of Jesus)—not one of us shall be able to avoid death. Of course, death especially in Western, American culture, is not often discussed: Death is counter-cultural in that our society—with its obsession with youth, the new, and vitality—either dismisses death as an event that happens to someone else or denies death as an inevitable reality by emphasizing a false sense of personal earthly immortality. This interdisciplinary course will study the phenomenon of death in its biological, psychological, social, cultural, ethical, and religious dimensions. Topics will include the problem of defining death; the fear and denial of death; the institutionalization and secularization of death in the modern world; the dying person and the process of death; grief; funerals; suicide; beliefs concerning life after death; literary treatments of death; and ethical issues surrounding death (such as the artificial prolongation of life, euthanasia, capital punishment, cloning, and genocide). Typically offered every other year. Prerequisites: 3 hours of Religious Studies credit or permission of instructor.

**REL 307 Social Justice in Modern Christian Thought** (3 hrs.) With a focus on social ethics, this course will explore the moral implications of the Christian commitment, the formulation and development of the principles of Christian ethics for persons and within communities, and their applications to areas of contemporary life. The course will address issues such as economic justice, poverty and wealth, criminal justice and capital punishment, war and pacifism, as well as environmentalism and food consumption. We will give attention to Catholic Social Teaching, Liberation Theology, and Anabaptist thought, among others. Typically offered once every year. Prerequisites: REL 101 or REL 102.

**REL 316 The Teachings of Jesus** (3 hrs.) The emphasis of this course is upon developing a historical understanding of Jesus. The teachings of Jesus are examined, using the Biblical Gospels, parallel Jewish and Greek and Roman documents and early extra biblical Christian texts as source materials. Attention will be given to the interpretation of Jesus in the Gospels, Paul and other early Christian sources. Interpretations of Jesus throughout history and in the contemporary world which shape the reception history of the "teachings of Jesus" will be studied. Typically offered every other year. Prerequisites: REL 101.

**REL 319 Recent Christian Thought** (3 hrs.) An introduction to major themes, writers and movements in contemporary Christian theology, against the background of an historical overview of the development of Christian thought. Typically offered once every three-four years. Prerequisites: 3 hours of Religious Studies credit.

**REL 333 Asian Philosophy and Religion** (3 hrs. ) The purpose of this course is to provide a detailed overview of the key thinkers and issues of the four major traditions of Eastern Philosophy: Indian, Chinese, Japanese, and Islamic. A variety of primary and secondary source readings are used to elucidate issues in metaphysics (including philosophy of religion), epistemology, ethics, political philosophy, and aesthetics. Prerequisite: Any ASN, PHL or REL course.

**REL 335 Sex and Gender in the Christian Tradition** (3 hrs.) This course is a critical study of sexuality and gender within the Christian tradition. Using biblical perspectives, theological positions, ethical reasoning, church traditions, faith commitments and empirical data as our guides, we will explore several realms of contemporary Christian conversation. Lenses for interpretation used within the course include Womanist ethics, Queer theory and theology, and Feminist biblical exegesis. It examines key ethical variables such as human nature, God, the church, love, justice and empowerment in such major issues of sexuality and gender as human eroticism, marriage, partnering, divorce, contraception, reproduction, sexual identity and sexual violence. Typically offered every other year. Prerequisites: 3 hours of credit in REL or WGS.

**REL/PHL 342 Philosophy, Religion, and Science** (3 hrs.) The common perception today is that, for centuries, science and religion have stood in conflict with each other – e.g. as demonstrated by conflicting perspectives between Charles Darwin and the Bible concerning the theory of evolution. Philosophy itself was foundational to scientific inquiry, though its approach differs from both science and religion and can also be seen by some as adversarial to each. This course explores three themes—cosmology and creation, evolution and providence, and genetics and human nature—from the vantage points of philosophy, religion, and science with the goal of presenting a fresh conversation between these fields which does not reduce to adversarial positions. Prerequisite: One course in philosophy or religious studies or one course in the natural sciences, or permission of the instructor.

**REL 345 The Writings of C.S. Lewis** (3 hrs.) C.S. Lewis has been long recognized as one of the premier theologians and writers of the twentieth century. This course will examine Lewis' theology through the lens of his works of fiction, emphasizing religious themes such as the nature of belief, the problem of evil, temptation, conversion, and death. (Previously offered as PHL 410/REL 300).

**REL 346 / GTS 300 Religion and Violence** (3 hrs.) The Holocaust and Other Genocides: This course will investigate a number of large-scale outbreaks of violence among humans in the 20th and 21st centuries. The Holocaust will be studied first, and will then be used as a springboard to examine other genocides or atrocities.

**REL 398 Independent Studies in Religion** (1-4 hrs.) This course permits advanced study of areas in religion not covered by regular listings on a research-tutorial basis. The precise topic is defined by the student in conference with the instructor. Offered as needed. Prerequisites: six hours of religion and permission of the instructor.

## **SEC – Security Studies**

**SEC 201 Introduction to Security Studies** (3 hrs.) This course will provide the foundations for the Security Studies minor and major, and will serve to introduce many issues in the modern search for security. By the end of the course, you should have a basic understanding of the major theories of security; current issues, conceptions threats to security; institutions related to security; and identify future threats that may loom on our horizon. Additionally, there will be several guest speakers in class who will discuss particular issues in more detail.

**SEC 205 Intro to Homeland Security** (3 hrs.) The principal objective of this course is to provide a comprehensive introduction to US homeland security, with a focus on the post-September 11, 2001 era. We will examine agency missions, laws, and regulations that govern America's efforts to protect the homeland. Through an examination of complex threats and threat environments, students will gain insight into contemporary issues relevant to the homeland security enterprise

**SEC 312 Terrorism** (3 hrs.) The major objective of this course is to increase your knowledge about terrorism: what it is, why it occurs, why targets are selected, and how to prevent it. Prerequisites: SEC 201.

**SEC 325 Issues in Homeland Security** (3 hrs.) The purpose of this class is to provide an understanding of the issues and policy spaces that comprise homeland security. The policy space is wide and oft-changing; as such, this course is designed to introduce the students to the critical policy spaces, and allow the student to explore these with some depth. Prerequisites: POL 211; POL 301; any Security Studies course (SEC designation); OR permission of the instructor.

**SEC 328 National Security Agencies** (3 hrs.) To understand the politics and processes of national security we must have an understanding of the national security labyrinth at the national level. The purpose of this course is to ensure the students' knowledge about the institutional design, oversight mechanisms and shortcomings, missions, and relationship of the varied institutions of the national security bureaucracy. Prerequisites: POL 211, SEC 201, or permission of the instructor.

**SEC 334 Intelligence at Home and Abroad** (3 hrs.) Nations survive and prosper on the basis of their ability to effectively gather, evaluate, and utilize information about threats. In this course, students will examine the history, context, purpose, methods, processes, and challenges of intelligence gathering at home and abroad. Prerequisites: SEC 201, POL 212, or permission of the instructor.

**SEC 335 Politics and Security of Developing Nations** (3 hrs.) In this course, students will undertake a comparative investigation of the political dynamics of the developing world. Looking across Latin America, Asia, and Africa, students will identify and contrast patterns of political behavior across regions and analyze models of economic development, governance, and security challenges that occur in the developing world. By taking a policy-making perspective, students will assess problems and analyze solutions to current issues in developing nations. Prerequisites: POL 112, 212, SEC 201 or permission of the instructor.

**SEC 337 Human Rights and Security** (3 hrs.) This course examines the evolution of the international system of human rights. It will consider fundamental legal, moral, and political debates related to human rights and look for avenues to make progress in human rights protection. It will also examine the relationship between human rights and human security and the challenges associated with the provision of human security in the 21st century, with special attention paid to human trafficking and economic development. Prerequisites: POL 112, 212, SEC 201, GTS 201, or permission of the instructor.

**SEC 346 Chinese Politics and Influence** (3 hrs.) An examination of how China's emergence as an economic, diplomatic, and military heavyweight is shifting the global balance of power, shaping the responses of governments and intergovernmental organizations, and posing fundamental questions about the nature of world order itself. Prerequisites: GTS 201, SEC 201, POL 212, or permission of the instructor.

**SEC 364 Stereotyping, Prejudice, and Group Conflict** (3 hrs.) This course uses experimental social psychology as the foundation to explore the affective, behavioral, and cognitive processes associated with group interaction and conflict. Utilizing an interdisciplinary perspective, it will integrate psychological, sociological, political, historical, and security-related approaches to understanding stereotypes, prejudice, and discrimination on a local and global scale. Offered occasionally. Prerequisite: PSY 113.

**SEC 420 Security Studies Thesis** (3 hrs.) Students will learn research methods and utilize them to write a thesis paper. The expectation is that these papers will be written at a level acceptable for off-campus conference. Prerequisites: junior or senior status; declared Security Studies major; 18 or more hours toward major completion. Students will learn research methods and utilize them to write a thesis paper. The expectation is that these papers will be written at a level acceptable for off-campus conference. Prerequisites: junior or senior status; declared Security Studies major; 18 or more hours toward major completion.