

Further Course Listings

The following disciplines (economics, education, English, French, German, history and political science, philosophy, psychology, Russian, sociology/anthropology, Spanish and speech and media studies) do not offer a graduate degree. However, the Departments of Economics, English and History and Political Science have entered into cooperative agreements with the corresponding departments of the University of Missouri-

St. Louis to offer a Master of Arts in Economics, in English and in History. The agreements permit students to take a maximum of 12 semester hours on the UMR campus.

Some of the upper division courses may be used, where pertinent, for credit toward other graduate degrees. Be sure to check the use of these courses with your major professor before you add these courses to your schedule.

BASIC ENGINEERING

- 301 Special Topics** (Variable) This course is designed to give the department the opportunity to test a new course. Variable title.
- 342 Introduction to Solar Car Design** (Lect 3.0) The course provides an introduction to designing and building a solar car for participating in national and international competitions. Topics include power management, race rules, solar array, batteries, electric motors, chassis structure, suspension, drive train, steering, brakes, signals, displays and controls, management structure, and race logistics. Prerequisite: Math 204 or 229.
- 390 Undergraduate Research** (Variable) Designed for the undergraduate student who wishes to engage in research. Not for graduate credit. Not more than six (6) credit hours allowed for graduation credit. Subject and credit to be arranged with the instructors.
- 401 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course.

ECONOMICS

- 300 Special Problems** (Variable) Problems or readings on specific subjects or projects in the department. Consent of instructor required.
- 301 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course. Variable title.
- 302 Internship** (Variable) Internship will involve students applying critical thinking skills and discipline-specific knowledge in a work setting based on a project designed by the advisor and employee. Activities will vary depending on the student's background and the setting. Prerequisite: Senior status; must have completed 24 hours in major.
- 311 Econometrics** (Lect 3.0) Applied statistical analysis of economic phenomena, including identification, least squares bias, and autocorrelation with emphasis on recent estimation procedures. Prerequisites: Stat 115 & 116, Econ 221 and 222.
- 315 Mathematical Economics** (Lect 3.0) Marginal analysis, calculus, and linear algebraic systems are applied in selected advanced topics in economics such as price theory, general equilibrium theory, input-output analysis, activity analysis,

and game theory. Prerequisite: Econ 221, 222, and Math 8.

- 320 Money and Banking** (Lect 3.0) Study of the origin, principles, and functions of money, emphasizing the role of banks in the effectuation of monetary policies geared to achieve various economic and political goals. Prerequisite: Econ 222.
- 321 Finance** (Lect 3.0) This course provides a rigorous and consistent presentation of the theory of financial decisions. Capital markets are analyzed under assumptions of risk aversion and uncertainty. Models of modern portfolio theory are discussed including the CAPM and the Modigliani-Miller analysis. Prerequisite: Econ 221 or Econ 222.
- 322 International Trade** (Lect 3.0) Analysis of gains from trade; the effects of factor mobility; effects of trade restrictions on trade flow and income distribution; arguments for restricting trade; and effects of trade on economic development, employment and human capital development. Prerequisite: Econ 221.
- 323 International Finance** (Lect 3.0) Examination of the international monetary system, the Balance of Payments, the foreign exchange market, futures and options markets; foreign exchange and other risk management for firms, financing from a global perspective and direct foreign investment. Prerequisite: Econ 222.
- 330 Public Finance** (Lect 3.0) Study of government expenditures and sources of revenue. Particular emphasis is given to governmental decision making—how these decisions affect the economy and the behavior of individuals, firms, and families within the economy; and how these decisions may be evaluated. Prerequisite: Econ 221.
- 335 Cost-Benefit Analysis** (Lect 3.0) Investigates the rationale for cost-benefit analysis within a free enterprise setting. Discussion of market efficiency and failure; determination of social costs and benefits; applications of cost-benefit analysis; and, problems remaining in theory and practice. Prerequisite: Econ 221.
- 340 Environmental and Natural Resource Economics** (Lect 3.0) Optimum use of replenishable and non-replenishable resources, public goods and common resources, externalities, private vs. public costs, and quality of the environment; emphasis on public policy related to environmental

144 — Further Course Information - Education

and natural resource economics. Prerequisite: Econ 221.

- 345 Energy Economics** (Lect 3.0) Market structure. World resource development. Supply and demand analysis on energy production and consumption within domestic and global settings. Prerequisite: Econ 221.
- 351 Economic Development** (Lect 3.0) Theoretical analysis of the problem of economic development of the "poor" countries, where two-thirds of the world's population lives. Treatment of basic problem areas leading to a synthesis of theoretical approaches for the achievement of development. Prerequisite: Econ 221 or 222.
- 375 Labor Economics** (Lect 3.0) Labor as a factor of production, collective bargaining, trade unionism, and labor legislation, from the viewpoint of public policy. Prerequisite: Econ 221 or Econ 222.
- 389 Problems in Economic Policy** (Lect 3.0) Advanced course designed for students majoring within the department. Appraisal and analysis of major problems of economic policy. Research and reports. Topics covered vary from year to year. Offered jointly by members of the department. Prerequisite: Seniors with 24 or more hours in Econ.
- 415 Advanced Mathematical Economics** (Lect 3.0) Marginal analysis, calculus, and linear algebraic systems are applied in selected advanced topics in economics such as price theory, general equilibrium theory, input-output analysis, activity analysis, and game theory. This course is an advanced version of Econ 315, and will include additional research and project assignments. Credit cannot be obtained for both Econ 315 and Econ 415. Prerequisites: Econ 221, 222 and Math 8, Math 203.
- 421 Advanced Finance** (Lect 3.0) This course provides a rigorous and consistent presentation of the theory of financial decisions. Capital markets are analyzed under assumptions of risk aversion and uncertainty. Models of modern portfolio theory are discussed including the CAPM and the Modigliani-Miller analysis. This course is an advanced version of Econ 321, and will include additional research and project assignments. Credit cannot be obtained for both Econ 321 and Econ 421. Prerequisite: Econ 221 or Econ 222.
- 422 Advanced International Trade** (Lect 3.0) Analysis of gains from trade; the effects of factor mobility; effects of trade restrictions on trade flow and income distribution; arguments for restricting trade; and effects of trade on economic development, employment and human capital development. This course is an advanced version of Econ 322, and will include additional research and project assignments. Credit cannot be obtained for both Econ 322 and Econ 422. Prerequisite: Econ 221.
- 423 Advanced International Finance** (Lect 3.0) Examination of the international monetary system, the Balance of Payments, the foreign exchange market, futures and options markets; foreign exchange and other risk management for firms, fi-

nancing from a global perspective and direct foreign investment. This course is an advanced version of Econ 323, and will include additional research and project assignments. Credit cannot be obtained for both Econ 323 and Econ 423. Prerequisite: Econ 222.

- 435 Advanced Cost-Benefit Analysis** (Lect 3.0) Investigates the rationale for cost-benefit analysis within a free enterprise setting. Discussion of market efficiency and failure; determination of social costs and benefits; applications of cost-benefit analysis; and, problems remaining in theory and practice. This course is an advanced version of Econ 335, and will include additional research and project assignments. Credit cannot be obtained for both Econ 335 and Econ 435. Prerequisite: Econ 221.
- 440 Advanced Environmental and Natural Resource Economics** (Lect 3.0) Optimum use of replenishable and non-replenishable resources, public goods and common resources, externalities, private vs. public costs, and quality of the environment; emphasis on public policy related to environmental and natural resource economics. This course is an advanced version of Econ 340, and will include additional research and project assignments. Credit cannot be obtained for both Econ 340 and Econ 440. Prerequisite: Econ 221.
- 445 Advanced Energy Economics** (Lect 3.0) Market structures. World resource development. Supply and demand analysis on energy production and consumption within domestic and global settings. This course is an advanced version of Econ 345, and will include additional research and project assignments. Credit cannot be obtained for both Econ 345 and Econ 445. Prerequisite: Econ 221.
- 475 Advanced Labor Economics** (Lect 3.0) Labor as a factor of production, collective bargaining, trade unionism, labor legislation, from the viewpoint of public policy. This course is an advanced version of Econ 375, and will include additional research and project assignments. Credit cannot be obtained for both Econ 375 and Econ 475. Prerequisite: Econ 221 or Econ 222.

EDUCATION

- 300 Special Problems** (Variable) Problems or readings on specific subjects or projects in the department. Consent of instructor required.
- 301 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course. Variable title.
- 305 Philosophy and Administration of the Middle School** (Lect 3.0) This course will acquaint students with aspects of education that are unique to the middle school. Attention will be given to the philosophy underlying the middle school. Finally, leadership theories most appropriate to the middle school will be studied.
- 315 Advanced Adolescent Development** (Lect 3.0) This course is an advanced examination of the in-

tellectual and social development of the adolescent. Theories of adolescent development and their implications for the educative process are covered and debated.

- 325 Novell Netware 4.1 / 4.11** (Lect 3.0) A practical, hands-on course for Novell network administration including NDS planning, mapping and documentation; system power up/down; security, resource service management; user management from creation to user and workstation maintenance; application software installation and management, and Novell Server installation.
- 335 Curriculum and Instruction of the Middle School** (Lect 3.0) This course advances teacher understanding of middle school curriculum and instruction. It utilizes knowledge about the nature and needs of young adolescents in developing interdisciplinary learning units, and fosters applications appropriate to experienced teachers' professional assignments. Prerequisite: Graduate standing.
- 340 Current Issues in Educ: Performance Based Assessment, Intermediate** (Lect 3.0) This course will provide participants with an understanding of performance-based assessments, how to construct performance tasks and how to construct scoring guides.
- 345 Introducing Educators to Computers** (Lect 1.0) A basic introduction to computers for K-12 educators. Includes identification and use of hardware components, as well as the fundamentals of using the operating system and basic computer software. Actual software taught will reflect current usage. Prerequisite: Post Bac/practicing teacher.
- 350 Social Studies in the Elementary School** (Lect 3.0) Problems in preparation, teaching of social studies units with suitable materials, techniques for elementary teachers. Prerequisite: Instructor's approval.
- 354 Psychology of the Exceptional Child** (Lect 3.0) Co-listed with: Psych 354 An understanding of the abilities and disabilities of children classified as exceptional, the instructional organization utilized to meet the needs of the exceptional child in the classroom, the import of educational and psychological handicaps upon these children. Guest lectures and field trips. Prerequisite: Psych 50. (Co-listed with Psych 354)
- 360 Teaching for Responsible Behavior** (Lect 3.0) A valuing approach to drug abuse and other high-risk behaviors. A study of specific methods, strategies, and techniques to help students from kindergarten to twelfth grade to develop value sharing attitudes and decision-making skills, based on sound information, which will inhibit their involvement in such high risk behaviors as drug abuse. Prerequisite: Senior standing.

ENGLISH

- 300 Special Problems** (Variable) Problems or readings on specific subjects or projects in the department. Consent of instructor required.
- 301 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course.
- 302 Advanced Composition** (Lect 3.0) Instruction and practice in writing expository essays of substantial content and skill, with particular emphasis on the rhetorical applications of recent findings in language research. Papers required will include critical analyses of literary works, and library research. Prerequisite: English 60 or 160.
- 303 Internship** (Variable) Internship will involve students applying critical thinking skills and discipline specific knowledge in a work setting based on a project designed by the advisor and employee. Activities will vary depending on the student's background and the setting. Prerequisite: Senior status; must have completed 24 hours in the major.
- 305 History and Structure of the English Language** (Lect 3.0) An introduction to the study of the English language and its history through Old English, Middle English, and Modern English. Prerequisite: English 20.
- 306 A Linguistic Study of Modern English** (Lect 3.0) A descriptive analysis of Modern English—its phonology, grammar, and vocabulary. Prerequisite: English 20.
- 310 Seminar** (Lect 3.0) Discussion of current topics. Prerequisites: English 20 and a semester of college literature.
- 312 Survey of Old and Middle English Literature** (Lect 3.0) Survey of Old English poetry in translation and Middle English literature (excluding Chaucer) through Malory. Special emphasis on culture and language with some attention given to modern reinterpretation of medieval works. Prerequisites: English 20 and a semester of college literature.
- 315 Chaucer** (Lect 3.0) A study of Chaucer as a narrative poet by an intensive examination of *The Canterbury Tales* and *Troilus and Criseyde*. Prerequisites: English 20 and a semester of college literature.
- 330 Sixteenth Century English Literature** (Lect 3.0) A survey of the poetry and prose of England from 1500 to 1600. Prerequisites: English 20 and a semester of college literature.
- 331 Seventeenth Century English Literature** (Lect 3.0) A study of major authors (excluding Milton) of prose and poetry in England from 1600 to 1660. Special attention will be paid to John Donne and the metaphysical poets, to Ben Jonson and the Cavalier poets, and to major prose writers such as Francis Bacon, Sir Thomas Browne, and others. Prerequisites: English 20 and a semester of college literature.

146 — Further Course Information - French

- 337 The Plays of William Shakespeare** (Lect 3.0) Selected comedies, tragedies, histories, and romances from early middle, and late periods of William Shakespeare's life. Prerequisites: English 20 and a semester of college literature.
- 345 The Restoration & Eighteenth Century** (Lect 3.0) The history, development, and cultural contexts of British literature from 1660 to 1798. Prerequisites: English 20 and a semester of college literature.
- 350 Texts and Contexts** (Lect 3.0) Examines the relationships between selected texts written or published in a given year and the context of events of that time. Also explores current critical approaches to such texts and contexts. Writing intensive and Computer intensive. Prerequisites: English 20 and a semester of college literature; junior standing.
- 353 Early Nineteenth Century English Poetry** (Lect 3.0) A study of Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats. Prerequisites: English 20 and a semester of college literature.
- 355 Later Nineteenth Century Poetry** (Lect 3.0) A survey of English poetry from 1832 to 1900 with special attention to Tennyson, Browning, and Arnold. Prerequisites: English 20 and a semester of college literature.
- 361 The British Novel I** (Lect 3.0) The history, development, and cultural contexts of the British novel from the late seventeenth to the early nineteenth century. Prerequisite: English 20 and a semester college literature.
- 362 The English Novel II** (Lect 3.0) A study of the development of the novel with major attention given to the Victorian and 20th century novelists. Prerequisites: English 20 and a semester of college literature.
- 368 Early American Literature** (Lect 3.0) This course will follow the development of American literature from its Colonial beginnings (1614) to the rise of Romanticism (1836). The course will pay particular attention to how American writers used literature in defining and even creating the New World. Prerequisites: English 20 and a semester of college literature.
- 370 American Poetry I** (Lect 3.0) A study of significant selected poets of, primarily, the 19th century, with special attention to theme, diction, and form, and to poetry as a compressed image of the human condition. Prerequisites: English 20 and a semester of college literature.
- 371 The American Renaissance** (Lect 3.0) A study of American literature from Poe to Whitman. Prerequisites: English 20 and a semester of college literature.
- 372 American Poetry II** (Lect 3.0) A study of significant selected poets of the 20th century, with special attention to theme, diction, and form, and poetry as a compressed image of the human condition. Prerequisites: English 20 and a semester of college literature.
- 375 The American Novel I** (Lect 3.0) A study of selected, representative novels in chronological sequence from the beginning to the major realists. Prerequisites: English 20 and a semester of college literature.
- 376 The American Novel II** (Lect 3.0) A study of selected, representative novels in chronological sequence from the major realists to the present. Prerequisites: English 20 and a semester of college literature.
- 379 Mark Twain** (Lect 3.0) A study of Mark Twain's works which may include such topics as Twain's contribution to American humor and American prose style. Prerequisites: English 20 and a semester of college literature.
- 380 Contemporary American Literature** (Lect 3.0) Studies in American prose (fiction and non-fiction), drama, poetry, and screen plays published within the last fifteen years. Prerequisites: English 20 and a semester of college literature.
- 382 Contemporary British Literature** (Lect 3.0) Studies in British prose (fiction and non-fiction), drama, poetry, and screen plays published within the last fifteen years. Prerequisites: English 20 and a semester of college literature.
- 390 Undergraduate Research** (Variable) Designed for the undergraduate student who wishes to engage in research. Not for graduate credit. Not more than six (6) credit hours allowed for graduation credit. Subject and credit to be arranged with the instructor. Consent of instructor required.

FRENCH

- 300 Special Problems** (Variable) Problems or readings on specific subjects or projects in the department. Consent of instructor required.
- 301 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course. Variable title.
- 310 Seminar** (Variable) Discussion of current topics. Prerequisite: Senior standing.
- 311 Advanced French Conversation** (Lect 2.0) Advanced conversation and oral practice. Prerequisite: French 110.
- 360 French Culture and Civilization** (Lect 3.0) A survey of French culture and civilization of the past 2,000 years, including art, architecture, music, literature, geography and politics. Prerequisite: French 170.
- 370 Survey of French Literature I (Early Period)** (Lect 3.0) The history and development of French literature from Les Chansons De Geste through the important philosophers of the 18th century to Beaumarchais. Assigned readings are in French, and lectures are largely in French. Prerequisite: French 170.
- 375 Survey of French Literature II (Modern Period)** (Lect 3.0) 19th and 20th century French literature. Prerequisite: French 170.
- 378 French Theater** (Lect 3.0) A study of French theater including in-depth study of selected plays by,

for example, Moliere, Hugo, Giraudoux, and Ionesco. Prerequisite: (One survey class) French 370 or 375.

402 Beginning French for Graduate Students (0.0 Hours) Preparation for reading examinations for the PHD degree. Two hours per week.

GERMAN

300 Special Problems (Variable) Problems or readings on specific subjects or projects in the department. Consent of instructor required.

301 Special Topics (Variable) This course is designed to give the department an opportunity to test a new course. Variable title.

310 Seminar (Variable) Discussion of current topics. Prerequisite: Senior standing.

311 Advanced German Conversation (Lect 2.0) Advanced conversation and oral practice. Prerequisite: German 110.

370 Survey of German Literature I (Early Period) (Lect 3.0) A study of the history and development of 16th, 17th, and 18th century German literature. Fall semester. Prerequisite: German 170.

375 Survey of German Literature II (Modern Period) (Lect 3.0) 19th and 20th century German literature. Prerequisite: German 170.

385 The German Novelle (Lect 3.0) A study of the German novelle as a literary genre. Prerequisite: German 170.

402 Beginning German for Graduate Students (0.0 Hours) Preparation for reading examinations for the Ph.D. degree. Two hours per week. No credit.

HISTORY

300 Special Problems (Variable) Problems or readings on specific subjects or projects in the department. Consent of instructor required.

301 Special Topics (Variable) This course is designed to give the department an opportunity to test a new course.

302 Internship (Variable) Internship will involve students applying critical thinking skills and discipline specific knowledge in a work setting based on a project designed by the advisor and employee. Activities will vary depending on the student's background and the setting. Prerequisites: Senior status; must have completed 24 hours in major.

310 Seminar (Variable) Discussion of current topics. Prerequisite: Senior standing.

312 Tudor and Stuart England (Lect 3.0) A study of England 1485 - 1689 covering the social, political, religious, and cultural developments. Prerequisite: Hist 111 or 220.

316 The American Presidency (Lect 3.0) Historical development of the presidency; emphasis on the constitutional powers and limits of the office and the political contextual variables that influence presidential behaviors. Prerequisite: Pol Sc 90 or Hist 176. (Co-listed with Pol Sc 316)

321 Ancient Greece (Lect 3.0) Aegean and Greek Civilization from Homeric times to the Roman Conquest of the Hellenic World. Designed for the student who wishes to understand the fundamental conditions of classical life and to comprehend the ideas that inspired action. Emphasis will be on social, intellectual, political and religious aspects of the classical world. Prerequisite: Hist 111.

322 Ancient Rome (Lect 3.0) Rome 509 B.C. to 337 A.D. The Roman world from the founding of the Republic through the reign of Constantine. Special emphasis is on the transformation of classical culture during the Republic and Imperial age. Prerequisite: Hist 111.

323 Medieval History I (Lect 3.0) The Early Middle Ages, 284 A.D.-753 A.D., transition from ancient to Medieval civilization. The fundamental differences between Roman and Medieval ideas, institutions and life. The triumph of Christianity, the conditions which made this triumph possible and its role in the development of Western Europe. Prerequisite: Hist 111.

324 Medieval History II (Lect 3.0) Medieval Civilization, 11th-13th centuries. The transition from Medieval to Modern world, developments in the political, social and economic institutions of the Medieval world and their enduring effect on Western European Civilization, conflict of faith and reason during this period. Prerequisite: Hist 111.

325 History of Renaissance Thought (Lect 3.0) Concentrates on the political, religious, and social thought of the Renaissance. Particular emphasis on the revival of the classics, the spread of humanistic values, and reform efforts during the period with relationship to the material basis of society. Prerequisite: Hist 111 or 112.

327 Europe in the Age of the French Revolution and Napoleon (Lect 3.0) An in-depth examination of the causes, courses and results of the French Revolution and the Napoleonic Era (1789-1815). The impact of the age of the French Imperium upon European economic, diplomatic, intellectual, political and social development. Prerequisite: Hist 112.

328 Foundations of Contemporary Europe 1815-1914 (Lect 3.0) Europe after Napoleon, development of democracy and nationalism, revolutionary movements and leaders, unification of Italy and Germany, national developments of the major powers and the road to the First World War are the bases of this course. Prerequisite: Hist 112.

329 Contemporary Europe (Lect 3.0) First World War, the Versailles Peace Settlement and its aftermath, the Soviet, Fascist and Nazi revolutions and regimes, Western culture between the wars, the Second World War, the age of the atom and Cold War. Prerequisite: Hist 112.

340 Religion and Witchcraft in Early America (Lect 3.0) An examination of the role of occult ideas and practices in the religious life of early Americans. Emphasis placed upon Puritan beliefs which contributed to seventeenth century effort to

148 — Further Course Information - History

- eradicate witchcraft. Prerequisite: Hist 175 or Hist 112.
- 341 Colonial America** (Lect 3.0) Political and social trends in America to 1754. Emphasis placed upon Native American culture, Spain and France in America, population trends, family, religion, class structure, economic change, social conflict, and the development of individualism in early America. Prerequisite: Hist 175.
- 342 Revolutionary America, 1754-1789** (Lect 3.0) An examination of the causes and consequences of the American Revolution. Emphasis placed upon the social conditions in America, which contributed to both the Revolution and the writing of the 1787 Constitution. Prerequisite: Hist 175.
- 343 Age of Jefferson and Jackson** (Lect 3.0) Economic, political, social and constitutional development of the early American republic; the Federalist and Jeffersonian periods, Jacksonian Democracy, rise of sectionalism. Emphasis placed on historical interpretation and historiography of the period. Prerequisite: Hist 175.
- 344 Civil War and Reconstruction** (Lect 3.0) Lecture, discussion and readings on the causes and consequences of the American Civil War. Focuses on the prewar North-South sectional rivalry: impact of the war on American society, government and politics. Reconstruction including the development of racial crisis in United States history. Prerequisite: Hist 175.
- 347 Origins of Modern America, 1877-1920** (Lect 3.0) Examines the industrial transformation of America, including the Gilded Age, The Populist-Progressive reform movement, urbanization, and the technological, social, cultural and intellectual responses to industrialization which provided the foundations for modern America. Prerequisite: Hist 176.
- 348 Recent United States History** (Lect 3.0) Examines America's modern age including the New Era, the New Deal, Internationalism, post-war affluence, the post-industrial era as well as the cultural, intellectual, social and technological features of American society from 1920 to the present. Prerequisite: Hist 176 or 347.
- 351 American Intellectual History I** (Lect 3.0) Deals with the ideas of intellectuals and the thought of popular culture, and with possible relationships between the two. Among the climates of opinion studied are the reformation in America, the Enlightenment, and Romanticism. Prerequisite: Hist 175.
- 352 American Intellectual History II** (Lect 3.0) The ideas of intellectuals and the thought of popular culture, and possible relationships between the two. Among the climates of opinion studied are the Gilded Age, Darwinism, Progressivism, the Twenties, the Great Depression, the Affluent Fifties, and the Counter-Culture Sixties. Prerequisite: Hist 176 or 351.
- 353 History of the Old South** (Lect 3.0) Analysis of the southern region of the United States between 1607-1861 with emphasis on economic, social, political, intellectual, and racial themes. Prerequisite: Hist 175.
- 354 History of the Modern South** (Lect 3.0) Analysis of the southern region of the United States between 1877 and the present with emphasis on economic, social, political, intellectual, and racial themes. Prerequisite: Hist 176.
- 355 The History of Black America** (Lect 3.0) Examines Afro-American experience from the beginnings of the slave trade to the present. Cultural, economic, and civil rights topics are treated. Prerequisite: Hist 175 or 176.
- 356 History of the American City** (Lect 3.0) A social, political, economic and cultural survey of the American city from colonial times to late-20th century. Urbanization is approached as an independent variable in American history. Prerequisite: Hist 175 or 176.
- 357 The History of the West** (Lect 3.0) This class examines the American settlement of the Trans-Mississippi West. Areas to be considered include cattle, mining, exploring, women, and Native Americans. Traditional and contemporary views of the West will be analyzed. Prerequisite: Hist 175 or 176.
- 358 American Constitutional History** (Lect 3.0) Emphasis on the history of American legal and constitutional systems. The role of the Supreme Court will be examined and critical constitutional decisions analyzed. Special emphasis will be on the history of the federal judiciary from 1801 to the present. Prerequisite: Hist 175 or 176.
- 360 History of the American Family** (Lect 3.0) Beginning with an examination of the family in Western Europe c. 1600, the course traces the development of the family in America to the present. Prerequisite: Hist 175 or 176.
- 374 Twentieth Century Technology and Society** (Lect 3.0) An investigation of technological achievements since 1900 and their effects on society. Topics include: education in a technological society, technology and the state, the individual and the environment, cybernation, agriculture, scientific and industrial research. Prerequisite: Hist 112 or 176.
- 380 20th Century Americans in Combat** (Lect 3.0) Through lectures, films, readings, exams, film reviews and discussions, this course examines the American military and combat experience throughout much of the twentieth century. The ultimate goal of the course is for students to understand the realities of warfare and its effect on ordinary Americans as well as American society. Prerequisite: Hist 175 or 176 or 112.
- 383 American Diplomatic History** (Lect 3.0) The history of American foreign relations, broadly conceived, from the Revolution to the present. The first half of the course will survey American diplomatic history to 1941. The second half will analyze the major themes in U.S. foreign policy since WWII, with special emphasis on the problems of national

security and the realities of power politics in the Cold War era. Prerequisites: Hist 175, 176, or Pol Sc 90. (Co-listed with Pol Sc 383)

- 402 Readings in American History to 1865** (Variable) Directed readings and writing on selected topics and areas in American History to 1865. Prerequisites: Graduate standing and consent of instructor.
- 403 Readings in American History Since 1865** (Variable) Directed readings and writing on selected topics and areas in American History since 1865. Prerequisites: Graduate standing and consent of instructor.
- 404 Readings in European History to 1715** (Variable) Directed readings and writing on selected topics and areas in European History to 1715. Prerequisites: Graduate standing and consent of instructor.
- 405 Readings in European History Since 1715** (Variable) Directed readings and writing on selected topics and areas in European History since 1715. Prerequisites: Graduate standing and consent of instructor.

MANAGEMENT SYSTEMS

- 302 Internship** (Variable) Internship will involve students applying critical thinking skills and discipline specific knowledge in a work setting based on a project designed by the advisor and employee. Activities will vary depending on the student's background and the setting. Prerequisite: Completed 30 hours toward degree.
- 397 Capstone Seminar in Management Systems** (Lect 3.0) Issues and problems relating to management and information technology will be presented. Group projects will require work as a member of a team, creative problem-solving and application of management systems principles to real and simulated problems. Prerequisite: Senior standing as management systems major.

PHILOSOPHY

- 300 Special Problems** (Variable) Problems or readings on specific subjects of projects in the department. Consent of instructor required.
- 301 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course. Variable title.
- 302 Internship-Philosophy** (Variable) Internship will involve students applying critical thinking skills and discipline specific knowledge in a work setting based on a project designed by the advisor and employee. Activities will vary depending on the student's background and the setting. Prerequisites: Any introductory (below 100) level philosophy course.
- 305 Contemporary Philosophy** (Lect 3.0) An examination of major philosophic movements of the 20th century such as Realism, Pragmatism, Logi-

cal Positivism, and Existentialism. Prerequisite: An introductory (below 100) level Philosophy course.

- 320 Minds and Machines** (Lect 3.0) The course will be centered on the topic of artificial intelligence and the problems raised by contemporary attempts to simulate human thinking and perception in machines. Special emphasis will be placed on recent developments in psychology, physiology, cybernetics and computer technology. Prerequisite: Any introductory (below 100) level philosophy course.
- 325 Philosophical Ideas in Literature** (Lect 3.0) A systematic study of philosophical problems which appear in literature, with illustrations from selected literary works. Prerequisite: Any introductory (below 100) level philosophy course.
- 330 Philosophy of Art: Aesthetics** (Lect 3.0) An examination of various theories of aesthetic value and the status of aesthetic judgments. Prerequisite: An introductory (below 100) level Philosophy course.
- 333 American Philosophy** (Lect 3.0) A study of American philosophical development with emphasis upon the "Classical Age of American Philosophy", i.e., Pierce, James, Dewey, Royce, Santayana and Whitehead. Prerequisite: An introductory (below 100) level Philosophy course.
- 335 Philosophy of Religion** (Lect 3.0) A consideration of the major presuppositions of western theism, such as the existence of god and the cognitive meaningfulness of religious language. Prerequisite: Any introductory (below 100) level Philosophy course.
- 337 Existentialism** (Lect 3.0) A study of the origin, nature and implications of modern existentialism; selections from major existentialists are read. Prerequisite: An introductory (below 100) level Philosophy course.
- 340 Social Ethics** (Lect 3.0) Discussion of ethical issues confronting society and the arguments offered for alternative laws and public policies. Topics might include: freedom of speech/action, government regulation, welfare, capital punishment, euthanasia, abortion, the environment, affirmative action, just wars, foreign aid, world hunger. Prerequisite: Any lower level ethics course.
- 345 Philosophy of Science** (Lect 3.0) An examination of the fundamental methods and assumptions of the sciences, with emphasis on scientific reasoning and theories. Prerequisite: Any introductory (below 100) level philosophy course.
- 347 Philosophy of Language** (Lect 3.0) A study of the contemporary philosophical school of linguistic analysis. Topics will include theories of meaning, reference, the analysis of linguistic acts, the relation of language to thought and the world, the thesis of linguistic relativity (Whorf hypothesis), current theories in psycholinguistics. Prerequisite: Any introductory (below 100) level Philosophy course.

150 — Further Course Information - Political Science

- 350 Environmental Ethics** (Lect 3.0) Study of the complex moral issues concerning our relationship to the environment and the ethical foundations of our environmental responsibilities. Discussion topics include: conservation, preservation, resource development, pollution, toxic substances, future generations, endangered species, regulation, zoning, takings, etc. Prerequisite: Any introductory (below 100) level Philosophy course.
- 355 Symbolic Logic** (Lect 3.0) A study of modern logic theory and methods. Either semester. Prerequisite: Phil 15.
- 360 Foundations of Political Conflict** (Lect 3.0) This course is designed as a survey of the philosophical foundation of major political systems. For example, communism, fascism, democracy. Materials will be drawn from relevant historical and/or contemporary sources. Prerequisite: Any introductory (below 100) level Philosophy course.
- 399 Topics in Philosophy** (Lect 3.0) An intensive course designed for students with a special interest in philosophy. The content of the course may vary and the course may be repeated for additional credit. Prerequisite: An introductory (below 100) level Philosophy course.

POLITICAL SCIENCE

- 300 Special Problems and Readings** (Variable) Problems or readings on specific subjects or projects in the department. Consent of instructor required.
- 301 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course.
- 302 Political Science Internship** (Variable) Internship will involve students applying critical thinking skills and discipline specific knowledge in a work setting based on a project designed by the advisor and employee. Activities will vary depending on the student's background and the setting. Prerequisite: Pol Sc 90 or Pol Sc 235.
- 310 Seminar** (Variable) Discussion of current topics. Prerequisite: Senior standing.
- 315 Public Policy Analysis** (Lect 3.0) This course presents a study of public policy in the United States. Students analyze the policy process, the resulting policy choices and the impact of the choices on the American people. Prerequisite: Pol Sc 90.
- 316 The American Presidency** (Lect 3.0) Historical development of the presidency; emphasis on the constitutional powers and limits of the office and the political contextual variables which influence presidential behavior. Prerequisite: Pol Sc 90 or Hist 176. (Co-listed with Hist 316)
- 325 Science, Technology, and Politics** (Lect 3.0) This course will explore the interactions and influences of science and technology upon politics, and of politics upon science and technology. The social impact of technology and the potential for the democratic management or technological growth

will be examined. Prerequisite: Pol Sc 90 or Hist 112 or 175 or 176.

- 335 U.S. Defense Policymaking** (Lect 3.0) This course reviews the evolution of U.S. defense policymaking since World War II, with special emphasis upon strategic policies, weapons systems, and the political processes through which they are selected and implemented. Prerequisite: Pol Sc 90.
- 350 The Politics of the Third World** (Lect 3.0) This course explores the processes and problems of the developing nations of the world. It examines the internal political processes of third world nations, as well as the position of the third world in international affairs. Prerequisite: Pol Sc 90 or Hist 112 or 175 or 176.
- 383 American Diplomatic History** (Lect 3.0) The history of American foreign relations, broadly conceived, from the Revolution to the present. The first half of the course will survey American diplomatic history to 1941. The second half will analyze the major themes in U.S. foreign policy since WWII, with special emphasis on the problems of national security and the realities of power politics in the Cold War era. Prerequisites: Hist 175, 176 or Pol Sc 90. (Co-listed with Hist 383)

PSYCHOLOGY

- 300 Special Problems and Readings in Psychology** (Variable) Problems or readings on specific subjects or projects in the department. Consent of instructor required.
- 301 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course. Variable title.
- 302 Internship** (Variable) Internship will involve students applying critical thinking skills and discipline specific knowledge in a work setting based on a project designed by the advisor and employee. Activities will vary depending on the student's background and the setting. Prerequisite: Senior status; must have completed 24 hours in major.
- 305 Cognitive Psychology** (Lect 3.0) An examination of the basic cognitive processes and their roles in human intelligence and behavior. Topics include attention, memory, knowledge representation, problem solving, decision-making, reasoning, language, and consciousness. Prerequisite: Psych 50.
- 310 Seminar** (Variable) Prerequisite: Senior Standing.
- 311 Human Factors** (Lect 3.0) An examination of human-machine systems and the characteristics of people that affect system performance. Topics include applied research methods, systems analysis, and the perceptual, cognitive, physical and social strengths and limitations of human beings. The focus is on user-centered design of technology, particularly in manufacturing environments. Prerequisite: Psych 50. (Co-listed with Eng Mg 311)

- 312 Practicum in Human Services Psychology** (Lab 3.0) Practicum will involve experience in a human service setting. Depending on student background and setting, activities may involve learning psychological testing, interviewing, assessment and/or counseling skills. Prerequisite: Psych 50 and Psych 262 or 364 or 268 or 356 and instructor approval.
- 315 Environmental Psychology** (Lect 3.0) Study of the psychological effects of different environments and socially relevant problems. Topics covered include: environmental perception, attitudes toward the environment, effects of the environment in work performance, environmental stressors, crowding and the effects of urban environments on interpersonal relations. Prerequisite: Psych 50.
- 330 Neuroscience** (Lect 3.0) The neurophysiological basis of behavior is examined. Topics covered include the structure and function of nerves and the nervous system; psychopharmacology; sleep and biological rhythms; reproductive behavior; emotion; learning and memory; communication; and psychological disorders. Prerequisite: Psych 50.
- 342 Comparative Psychology** (Lect 3.0) A survey of the contributions of comparative psychology, ethology, and other disciplines to the understanding of behavior. The major emphasis will be on the genetic, developmental, and social determinants of adaptive behavior patterns.
- 345 Evolutionary Psychology** (Lect 3.0) Fundamental principles of evolution, and their applicability to human behavior and psychological processes, will be examined. The course will focus on theoretical rationales for an evolutionary approach to psychology and on looking critically at recent research in the field. Prerequisites: Psych 50 and Psych 140.
- 354 Psychology of the Exceptional Child** (Lect 3.0) An understanding of the abilities and disabilities of children classified as exceptional, the instructional organization utilized to meet the needs of the exceptional child in the classroom, the import of educational and psychological handicaps upon these children. Guest lectures and field trips. Prerequisite: Psych 50. (Co-listed with Educ 354)
- 356 Behavior Modification** (Lect 3.0) Theory and techniques of influencing human behavior through the use of behavior modification and behavior therapy techniques. Applications to normal and abnormal child, adolescent and adult populations will be considered as well as ethical and legal issues. Prerequisite: Psych 50.
- 360 Personality Theory** (Lect 3.0) A comparative examination of theories of personality organization and functioning. Origins of personality; personality development and change; current developments and research in the area of personality. Prerequisite: Psych 50.
- 364 Theory and Practice of Psychological Testing** (Lect 3.0) Theoretical and statistical basis of psychological testing and measurement; characteristics of well-known statistical tests of intelligence, aptitude, interest, academic proficiency, and personality; use of tests and test batteries for prediction of criteria. Prerequisite: Psych 50.
- 368 Clinical Psychology** (Lect 3.0) Comprehensive survey of the field of clinical psychology. Course will cover a variety of assessment and treatment procedures relevant to psychology and other professionals who treat human adjustment problems; techniques based on experimental outcome research and psychological testing will be emphasized. Prerequisites: Psych 50 and Psych 262.
- 370 Advanced Social Psychology** (Lect 3.0) An advanced study of the behavior of individuals in interaction within groups. Consideration will also be given to the experimental literature dealing with the formal properties of groups, conformity and deviation, intergroup relations, and attitude formation and attitude change. Prerequisite: Psych 270.
- 372 Group Dynamics** (Lect 3.0) Theories of group process. Group structure, functions, interaction, power, norms, and communication. Correlates of cohesiveness and problem solving will be investigated. Prerequisite: Psych 50.
- 374 Organizational Psychology** (Lect 3.0) This course seeks to comprehend and predict human behavior in organizational settings through the scientific study of individual processes, group processes, and organizational structure and function. Prerequisite: Psych 50.
- 380 Cross-Cultural Psychology** (Lect 3.0) Providing a cross-cultural perspective is an essential element of current curricula in psychology. Students need an understanding of how self-concepts, cognitive abilities and social relations are affected by cultural factors. Prerequisites: Psych 50 and Psych 155 or Psych 270.
- 390 Undergraduate Research** (Variable) Designed for the undergraduate student who wishes to engage in research. Not for graduate credit. Not more than six credit hours allowed for graduation credit. Subject and credit to be arranged with the instructor.

RUSSIAN

- 300 Special Problems** (Variable) Problems or readings on specific subjects or projects in the development. Consent of instructor required.
- 301 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course. Variable title.
- 310 Seminar** (Variable) Discussion of current topics. Prerequisite: Senior standing.
- 311 Advanced Russian Conversation** (Lect 2.0) Advanced Russian conversation and oral practice. Prerequisite: Russ 110.
- 370 Survey of Russian Literature I (Early Period)** (Lect 3.0) A study of the history and development of 16th, 17th, 18th, and 19th century Russian literature. Prerequisite: Russ 170.

152 — Further Course Information - Sociology

- 375 Survey of Russian Literature II (Modern Period)** (Lect 3.0) 20th Century Russian Literature. Prerequisite: Russ 170.
- 402 Elementary Russian for Graduate Students** (0.0 Hours) Preparation for reading examinations for the Ph.D. degree.

- 379 Literature of Hispanic Nations** (Lect 3.0) The study of the contemporary literature of Hispanic nations: Chile, Argentina, Mexico, Venezuela, Colombia, Peru or Spain.

SOCIOLOGY

- 300 Special Problems** (Variable) Problems or readings on specific subjects or projects in the department. Consent of instructor required.
- 301 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course.
- 310 Seminar** (Variable) Discussion of current topics. Prerequisite: Senior standing.
- 321 Social Theory** (Lect 2.0 and Lab 1.0) Examination of propositions about society and how and why it functions. Prerequisite: Any 200-level Social course.
- 342 Social Investigation** (Lect 3.0) Research methods and their applications in the analysis of society. Prerequisite: Any 200-level Social course.
- 383 Social Science Foreign Area Field Study** (Lect 3.0) First hand empirical investigation of problems in a foreign setting. Prerequisite: Any 200-level Social course.

SPANISH

- 300 Special Problems** (Variable) Problems or readings on specific subjects of projects in the department. Consent of instructor required.
- 301 Special Topics** (Variable) This course is designed to give the department an opportunity to test a new course.
- 310 Seminar** (Variable) Discussion of current topics.
- 311 Advanced Spanish Conversation** (Lect 2.0) Advanced Spanish conversation and oral practice. Prerequisite: Span 110.
- 370 Survey of Spanish Literature** (Lect 3.0) Survey of Spanish literature from Medieval to Modern Times, including the Renaissance, Siglo De Oro, Enlightenment, Romanticism, and the 20th century. Prerequisite: Span 170 or native ability.
- 371 Survey of Spanish American Literature** (Lect 3.0) Survey of Spanish American literature from the Conquest to Modern Times, including the Chronicles, Renaissance, Baroque, Neo-classicism, Romanticism, the Modernistic Movement, and the 20th century. Prerequisite: Span 170 or native ability.
- 377 Spanish-American Novel and Short Story** (Lect 3.0) A study of the development of narrative prose in Spanish America. Prerequisite: Span 170.
- 378 Novela Proletaria** (Lect 3.0) A study of the fiction written during the Great Depression in Latin America, examining principally problems in the exploitation of oil, the mining of minerals, and of urban poverty. Prerequisite: Span 170.