

Art

ART 0100 MATERIALS AND SAFEGUARDS IN ART (1) Is designed to outline the basic art media and materials used in studio art. Emphasis is placed on safeguards in utilizing art materials.

ART 0103 DRAWING I (3) Drawing I presents the study of structure in form and space through the creation of three-dimensional illusions on two-dimensional surfaces. Line, texture, value and shape are introduced in addition to linear and atmospheric perspective, life drawing, and various media.

ART 0104 DESIGN FUNDAMENTALS (3) This course explores the interaction of universal visual design elements, concepts, and media. Visual thinking through problem-solving exercises utilizing line, shape, form, texture, tone, color and space as well as the concepts of focal point, unity, variety, direction/movement, motif/pattern, and balance in a progressively complex format insures the understanding of compositional structures. The expressive possibilities of a variety of materials are also explored.

ART 0108 COMPUTER GRAPHICS I (3) This introductory computer graphics course allows the student to explore the creative, visual and artistic possibilities which the microcomputer offers. Class work and lab time on the computer are supplemented with lectures on computer generated art and it's potential. Lectures assume no previous knowledge of computers or programming. Students create a variety of projects in the form of slides, animations, and printouts.

ART 0301 DRAWING II (3) Drawing II is a continuation of Drawing I. The focus is on the individual's needs as they develop a basic understanding of drawing. Emphasis is placed on life drawing in various media. Prerequisite: ART 0103.

ART 0357 ISLAMIC ART (3) A course with focus on art created by or for Islamic people, and/or produced in historically Muslim regions. An emphasis will be placed on understanding the cultural, political, and religious significance of the works. Topics may include architecture, painting, calligraphy, decorative arts, and film.

Biology

BIOL 0104 HUMAN BIOLOGY (4) Human Biology introduces the structure and function of the human body. Students will study the major systems of the human body, including reproduction, digestion and nutrition, circulation, respiration, nervous and hormonal control and locomotion through examination of and noninvasive experimentation with their own bodies, computer simulations, reading and attending lecture/discussions.

BIOL 0106 BIOLOGY TODAY (4) An introduction to the study of cells, cellular reproduction, inheritance and the gene, molecular genetics, and the development of organisms. Concentrates on human genetics and development. Investigates the role of biotechnology in genetics and development. Prerequisite: None.

Business Management/Economics

AVIA 0243 AVIATION LAW (3) Aviation Law is a study of the evolution of federal civil aviation regulations in the United States at the federal and state levels. The course analyzes past and present problems resulting in regulation of the industry. Particular topics include safety, airport funding legislation, and international aviation legislation. Additional areas of study include the liabilities of pilots and operators,

liens, security interests, international conferences, bilateral and multilateral agreements, and criminal statutes. (Formerly MGMT 0243)

ECON 0102 PRINCIPLES OF MICROECONOMICS (3) Emphasis on the economics of the firm and resource allocation. Topics to be discussed include: the price and output determination under pure competition, pure monopoly, monopolistic competition, and oligopoly, the resource market, international trade, and an evaluation of American capitalism. ECON 0101 and ECON 0102 may be taken in either order.

FINC 0207 FINANCIAL MANAGEMENT (3) Introduces basic concepts of corporate financial management. The course encompasses practical, as well as theoretical, aspects of corporate finance, with an emphasis on the decision making functions of the financial manager and the process of valuation. The objective of the course is to give students specific skills to analyze and interpret financial data and to develop an understanding of the nature of investment and financing decisions in business organizations. Topics covered include: financial statement analysis, the time value of money, the valuation of financial securities such as stocks and bonds, and capital budgeting analysis. Prerequisite: ACCT 0105. (Formerly MGMT 0207)

MGMT 0220 PRODUCTION/OPERATIONS MANAGEMENT (3) A state-of-the-art strategic systems approach to the operations functions of manufacturing and service organizations. The course covers designing, acquiring, operating, and maintaining facilities and processes; managing the supply chain; controlling and maintaining inventories; and staffing and scheduling human resources needed to provide goods and services. Prerequisite: ACCT 0104, MGMT 0250 and MGMT 0107 (or CAIS 0124 or CAIS 0125).

MGMT 0308 ORGANIZATIONAL DEVELOPMENT & BEHAVIOR (3) Examines the foundations for understanding individual and group behavior and relates these points to the problems faced by managers in organizations. Emphasis is on topics of study relevant to developing managerial effectiveness in interrelationships with other organizational members. Course attempts to develop an understanding of the relationship between individual and organization and to identify management skills that can contribute to effective performance. Prerequisite: MGMT 0221.

MGMT 0314 HUMAN RESOURCE MANAGEMENT (3) Covers the process of manpower planning and utilization in organizations. Personnel forecasting, employment, training and development, placement, motivation, wage and salary administration, employee benefits, and performance evaluation are covered. Special emphasis is given to problems arising between manager and subordinates, the professional in human services, minority groups, the hard-to-employ worker, and the impact of public policy. Prerequisite: MGMT 0241.

MGMT 0325 BUSINESS POLICY AND STRATEGY (3) Emphasizes management planning and control techniques in solving business problems and in determining strategy for sales and profit growth. An integrated case study approach will be used. The course will illustrate the many factors that influence complex business decisions. FOR SENIORS ONLY. Prerequisites: FINC 0207, MGMT 0221, MRKT 0231, and MGMT 0241.

MGMT 0342 ENTREPRENEURSHIP (3) Students gain valuable experience in innovating and creating new business or not-for-profit opportunities. They will learn to find and develop new projects, to design new products and services, and to translate their ideas into comprehensive, workable business plans. Prerequisites: FINC 0207 and MRKT 0231.

MGMT 0346 LEADERSHIP (3) Comprehensively examines evolving leadership theory and practice, from trait theory to modern theories of the leadership process, power, leadership styles, situational leadership, contingency theory, and team leadership. Further topics include diversity, ethics, globalization, popular approaches to leadership, and women and men as leaders. The primary course objective is to prepare students for leadership roles in organizations. Students will learn through experiential exercises, lectures, readings, focused videos, and team projects. Prerequisites: MGMT 0221.

MRKT 0231 MARKETING MANAGEMENT (3) A developmental survey into the field of marketing in business, which will study the roles of marketers in business and society as a whole. Concentration shall be placed on defining marketing, the role of a marketing executive, the various systems of marketing, and the economic factors that affect marketing. In order to probe these questions, the course shall examine consumer behavior, purchase decision making, product pricing, policy and planning, channels of distribution in business, and marketing institutions and organizations. Further dimensions of advertising, marketing research, analysis, forecasting, and marketing information flows, controls, and performance shall be explored. Prerequisite: Sophomore standing. (Formerly MGMT 0231)

MRKT 0309 SALES AND SALES MANAGEMENT (3) A course in effective salesmanship and how to set up and control a field sales organization. Course emphasizes the role of personal selling in the marketing mix and covers all basic sales management issues. Prerequisite: MRKT 0231. (Formerly MGMT 0309)

MRKT 0328 PRINCIPLES OF ADVERTISING (3) Vital to the world of modern business is an understanding of the role of advertising. This course provides a study of the techniques and practices of advertising today. Strategies and procedures for campaign design and execution will be examined. Students will take an advertising idea through the various stages of planning, visualizing and writing advertising copy. Prerequisite: MRKT 0231. (Formerly MGMT 0328)

MRKT 0337 CONSUMER BEHAVIOR (3) By gaining a better understanding of the factors that affect consumer behavior, marketers are in a better position to predict how consumers will respond to their marketing strategies. Consumer Behavior draws on the Social Sciences in addition to the quantitative characteristics of the market such as population patterns, income distribution, living standards, and occupational changes. (Formerly MGMT 0337)

Criminal Justice

CRJU 0332 HOMICIDE (3) An in-depth discussion of the legal definitions of and rationalizations for homicide. The statistical aggregates of those occasions will be considered in terms of demographic and ethno-cultural phenomena. The murder episode is examined within the context of morality. Prerequisite: CRJU 0101, CRJU 0201, and Junior standing.

CRJU 0605 CONTEMPORARY PROBLEMS IN CRIMINAL LAW (3) An investigation of the operation of substantive criminal law in its procedural context. Topics to be investigated through the case method include mens rea; the role of mental illness in determining culpability; preparatory crimes; group liability; and justification and excuse.

English

ENGL 0392 BUSINESS AND TECHNICAL WRITING (3) How to write more powerfully, persuasively, and successfully in business. Students will learn the strategies of writing clear and effective memos, letters, and reports, and easy techniques for using tables and graphs. By the end of the course the student will have a portfolio of writing samples to demonstrate writing skills. Prerequisites: ENGL 0101 and ENGL 0102.

Geography- Regional Planning

GARP 0101 WORLD REGIONAL GEOGRAPHY (3) Within a world regional context, the course offers an examination of the patterns and underlying processes comprising both the human and natural realms of geography. Course content deals with the earth, places, people, the natural environment, human

environmental interaction, and the movement of people, goods, and ideas. Special emphasis is given to achieving a degree of literacy in world locations and developing map interpretation skills. The course also introduces various topical specializations in geography such as economic geography, political geography, population geography, physiography, and urban geography.

GARP 0102 PHYSICAL GEOGRAPHY (4) Physical Geography is the study of the spatial variations of the physical phenomena on the surface of the Earth. It focuses on the geo-systems of the Earth, including the four major “spheres”: Atmosphere (weather, climatology); Lithosphere (landforms); Hydrosphere (water resources); and Biosphere (flora, fauna). The human-environmental interaction is emphasized. Laboratory and field experiments will explore the various spheres of the Earth and include map interpretation, remote sensing analysis, atmospheric studies, geomorphology investigation, and other human environment interactions. No prerequisite.

GARP 0210 CULTURAL GEOGRAPHY (3) An examination of the world’s major geographic realms, focusing on characteristics such as language, religion, population growth, and national development which give identity to these realms and often spawn conflict between realms.

History

HIST 0131 UNITED STATES HISTORY AND GOVERNMENT TO 1865 (3) This course traces the history of the United States from the colonial period to the end of the Civil War, surveying the political, economic, social and cultural aspects. Topics include: Native Americans, Colonial Period, American Revolution, United States New Nation, North versus South, American Slavery, Westward Expansion, and the Civil War. The course focuses on major events, presidential administrations, United States Constitution, structure of state and federal government. Not open to students who have taken HIST 0130.

Mathematics

MATH 0108 ELEMENTARY STATISTICS (3) An introduction to basic concepts and techniques of statistics for students needing skills for research techniques in education, business, and the physical, life, and social sciences, or simply to understand the mass of statistical information in modern life. Topics include: graphical techniques such as histograms or box plots; measures of location and spread; scatter plots and correlation; sampling and sampling distributions; estimation and statistical inference (confidence intervals and/or hypothesis testing). Prerequisite: High School Algebra II.

MATH 0111 MATHEMATICAL APPLICATIONS (3) An introductory course designed to provide the liberal arts major with opportunities to investigate ways in which mathematics is used to solve real world problems in a variety of disciplines. Applications may include such topics as voting schemes, fair division, networks, scheduling, finance, probability and statistics. Prerequisite: High School Algebra II.

MATH 0360/0560 CURRENT TRENDS IN MATHEMATICS AND MATHEMATICS EDUCATION (1-3) Students will work individually with a professor on a project or activity relating to current innovations in mathematics or mathematics education. Potential sources for study include: evaluation of innovative textual materials, trends in media and technology development, evaluation of software, development of laboratory materials, attendance at professional conferences, review and analysis of journal articles, and the presentation of reports on individual and institutional research activities. Course may be taken up to two times with the permission of the department chair. Prerequisite: Permission of instructor.

Music

MUSC 0160 HISTORY OF JAZZ (3) The study of jazz music from the early 1900's to the present. Emphasis on styles and trends of major jazz performers and ensembles within each period.

Philosophy

PHIL 0102 INTRODUCTION TO ETHICS (3) Introduction to philosophy through consideration of classic and contemporary theories of morality and the best life. Topics may include the concepts of freedom, happiness, justice, dignity, virtue, right/wrong, good/bad, alienation, loneliness, obligation, responsibility, rights and duties, as well as the structure of morality. Special attention is given to the fundamentals of critical analysis.

Psychology

PSYC 0101 INTRODUCTION TO PSYCHOLOGY (3) Overview of the basic theories and facts of human behavior and mental life. Topics include the scientific method, the physiological bases of behavior, sensation and perception, learning and memory, development, personality, social psychology, and abnormal behavior. Psychological knowledge is related to daily problems and everyday life. This course is a prerequisite to all other psychology courses.

PSYC 0353-356 SPECIAL TOPICS IN PSYCHOLOGY (3) Each offering; students may receive no more than 6 credits for this course number. Offered on an irregular basis. This offering is an in-depth study of a limited and/or specialized area within one field of psychology. The exact title will vary according to the specialization of the instructor and the interest of the students. Prerequisites for majors: PSYC 0101 and at least 9 additional credits in psychology. Prerequisites for non-majors: PSYC 0101 and permission.

PSYC 0564 DRUGS AND BEHAVIOR (3) The course covers the basic principles of psychopharmacology; what drugs are and how they influence psychological phenomena. Various forms of drugs used and abuse are examined. The student gains an understanding of: How and why drugs are used as a treatment for psychopathological and neuropsychological conditions; mechanisms of addiction, tolerance and abuse; the social, recreational and religious context; and the legal history of substance use. Prerequisite: PSYC 0512 Physiological Psychology or permission of instructor.

Sociology

SOCI 0308 SOCIAL STRATIFICATION (3) A systematic treatment of the ranking systems in various social structures in America. Theories of social stratification and mobility, analysis of social class studies in the United States, the interplay of power, status, and control. Prerequisite: SOCI 0101.

SOCI 0315 SOCIOLOGY OF GENDER (3) An examination of the social construction of gender; the intersection of gender, class, race/ethnicity, and sexual orientation; the dimensions of gender inequality; and changing gender arrangements in the United States. Prerequisite: SOCI 0101.

SOCI 0321 SOCIAL GERONTOLOGY (3) Aging as a biological, psychological, and sociological process with numerous economic and political implications. Emphasis will be placed on the role of both the family and the community. The crisis of retirement, illness, and dying will also be treated.

World Language Studies

LSPA 0200 SPANISH CONVERSATION (3) Conversation based upon a wide variety of topics both extemporaneous and assigned. Practice with often used expressions and patterns of speech common in a conversational style. The main objective is to develop fluency in speaking and ease in understanding. Prerequisite: LSPA 0104 or the equivalent.

LSPA 0210 TOPICS IN HISPANIC STUDIES (3) This course stresses the unique historical, linguistic, and cultural differences of the Spanish speaking world. Topic varies by semester.