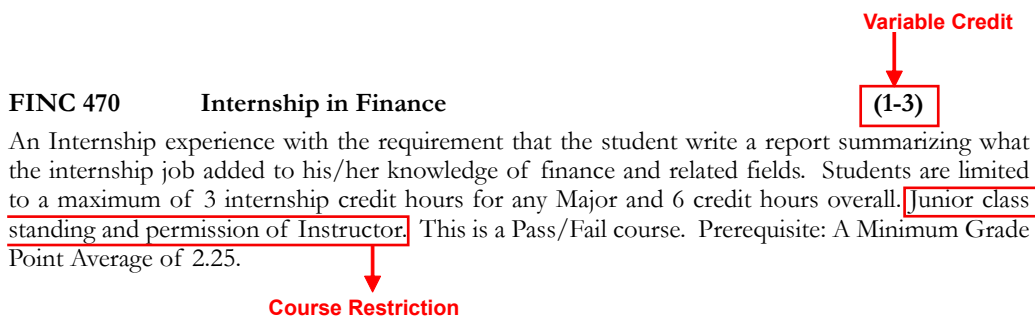
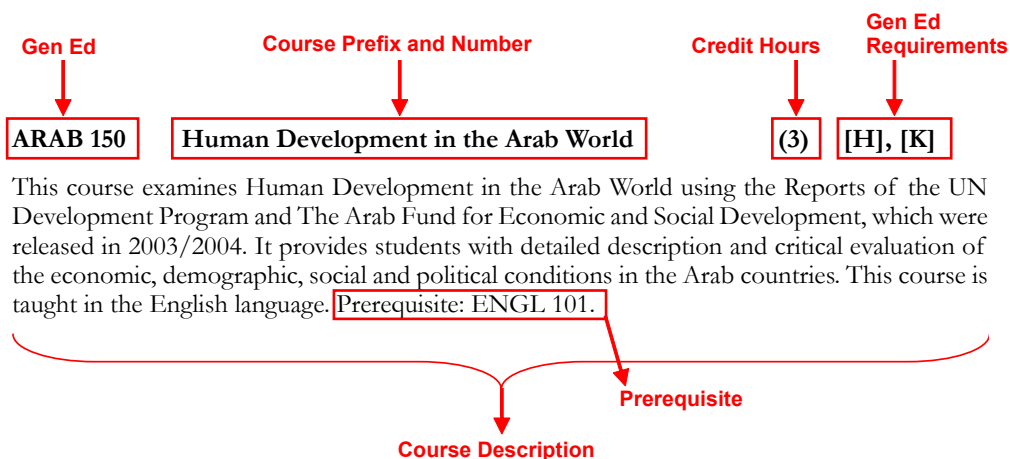


COURSE DESCRIPTIONS BY DISCIPLINE (FIELDS OF STUDY)

EXPLANATION OF COURSE DESCRIPTIONS



GLOSSARY OF TERMS

Co-requisite:

A co-requisite is a course that can be taken before or during the course with the co-requisite.

Course Description:

The Course Description explains the content of the course.

Course Restriction:

A course restriction is a constraint placed upon a course to ensure that the student is prepared to take the course. Most of the time, there are no course restrictions on 100-level courses. In the example above, FINC 470, the student must be at least a Junior and must have the permission of the instructor to enter the course. In order to have the permission of the instructor, the student must fill out a form, receive the necessary signatures, and turn in the form to the Registrar.

Course Prefix and Number:

The course prefix is a four letter mnemonic that represents the discipline (field of study). In this example, "ARAB" is the prefix for Arabic. The course number denotes the difficulty level of the course material. In general, lower-level courses (100 and 200 level courses) are taken by Freshmen and Sophomore students, while upper-level courses (300 and 400 level courses) are taken by Junior and Senior students.

Course Title:

The course title denotes the name of the course.

Credit Hours:

The amount of credit hours reflects the numerical value of the course as it relates to course load. A student at AUK is expected to complete at least 120 credit hours in order to graduate. With an average course load of 15 credit hours per semester (usually around 5 courses), the student is expected to graduate in 4 years.

Cross-listed:

If a course is cross-listed, it means that the course is offered jointly by more than one discipline (field of study). Students may choose to take the course under the prefix (discipline/field of study) that aligns with the student's Major.

Gen Ed Requirement:

A "Gen Ed Requirement" is a General Education Requirement. All students of AUK must complete 45 credits of General Education, dispersed among 10 disciplines (fields of study) Upon completion of General Education, the student will have learned several skill sets and mental abilities.

Prerequisite:

A prerequisite is a course or courses that the student must take before s/he may take the course with the prerequisite[s]. In the example above, a student must take English 101 before taking the course Arabic 150.

Variable Credit:

Some courses have variable credit, meaning that the course may be worth 1, 2, or up to six credit hours. Verify the amount of credit hours with the instructor and/or Division Head before the class begins. Each student wishing to take a course with variable credit should fill out a form with the assigned number of credit hours and receive the appropriate signatures before turning the form into the Registrar.

DISCIPLINES (FIELDS OF STUDY)

- Accounting (ACCT)
- American Studies (AMST)
- Arabic (ARAB)
- Art (ART)
- Biology (BIOL)
- Business Ethics and Law (BEAL)
- Chemistry (CHEM)
- Communication Studies (COMM)
- Computer Engineering (CEPG)
- Computer Science (CSIS)
- Drama (DRAM)
- Economics (ECON)
- Education (EDUC)
- Electrical Engineering (ELEG)
- Engineering (ENGR)
- English (ENGL)
- Entrepreneurship Studies (ENTR)
- Environmental Studies (ENVS)
- Finance (FINC)
- French (FRNC)
- Graphic Design (GDES)
- Health and Fitness (HFIT)
- History (HIST)
- International Studies (INST)
- Management (MGMT)
- Marketing (MRKT)
- Mathematics (MATH)
- Music (MUSC)
- Natural Sciences (NSCI)
- Philosophy (PHIL)
- Physics (PHYS)
- Psychology (PSYC)
- Political Science (PLSC)
- Religion (RELG)
- Social and Behavioral Sciences (SBSA)
- Spanish (SPAN)
- Statistics (STAT)
- Translation (TRAN)

ACCOUNTING (ACCT)

- ACCT 201 Principles of Financial Accounting (4)**
An introduction and overview of financial accounting. Topics include basic concepts and principles of accounting; the accounting cycle, financial statements, cash, cash flow statement, receivables, inventories, assets and liabilities and merchandizing operations. Prerequisite MATH 103 or MATH 110.
- ACCT 205 Managerial Accounting (3)**
An introduction to internal accounting including cost measurement, product costing, cost-volume relationship, budgeting and budget variance analysis, performance evaluation. Prerequisite: ACCT 201.
- ACCT 301 Intermediate Accounting I (3)**
This course begins in-depth analysis of financial accounting. Topics include accounting standards and theory, the balance sheet, statement of cash flows, comprehensive income, revenue recognition, profitability analysis, receivables and investment valuation; inventory and departures from historic cost, operational assets and impairment. Sophomore class standing or Permission of Instructor. Prerequisite: ACCT 201 or ACCT 205.
- ACCT 305 Intermediate Accounting II (3)**
This course builds on applications, standards, and practices taught in ACCT 301, providing in-depth analysis of financial accounting, advancing to consider liabilities and owners' equity. Topics include accounting for current liabilities, contingencies, bonds, long term notes, pensions, leases, income tax and shareholders' equity, embracing contributed capital, retained earnings, and dividends and earnings per share. Sophomore class standing or Permission of Instructor. Prerequisite: ACCT 301.
- ACCT 334 Individual & Corporate Tax (3)**
An analysis of international taxation theory and the application of tax theory for domestic and international activity in Kuwait. Sophomore class standing or Permission of Instructor. Prerequisite: ACCT 205.
- ACCT 369 Short Course (1 - 3)**
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit.
- ACCT 388 Independent Study (1 - 3)**
A research and writing project to be determined in consultation with the Instructor. Prerequisite: ACCT 205 and ENGL 305 or MGMT 305. Senior class standing and Permission of Instructor. Can be repeated for credit.
- ACCT 389 Special Topics (3)**
Permission of Instructor. Can be repeated for credit.
- ACCT 401 Advanced Managerial Accounting (3)**
Issues of cost management and its use to achieve organizational goals. Relationship of performance measurement, compensation, authority to organizational structure, organizational development and success. Senior class standing. Prerequisites: ACCT 205 and MGMT 345 and ENGL 305 or MGMT 305.
- ACCT 405 Advanced Financial Accounting (3)**
This course builds on disciplinary knowledge and techniques provided in earlier Financial Accounting courses to develop higher order cognitive skills needed to address complex issues emerging in

AMST 402 American Social History in the 20th Century (3)

The economic boom and the conservative/traditional 50s; the Civil Rights movement; the anti-war movement; the feminist movement; the counter-culture movement; the student movement; the response of the political right; the information revolution; transformation of the culture and the political landscape. Junior class standing. Prerequisite: Any 100 or 200-level HIST course, or AMST 121 or INST 204 or 205..

AMST 409 Amer Foreign Policy Since WWII (3)

Investigation of American foreign policy since World War II; the process of decision making; the role of the Presidency, the State Department and Pentagon bureaucracy, the Congress, and Public Opinion. Focuses on the Cold War and the Middle East. Junior class standing or Permission of Instructor.

ARABIC (ARAB)**ARAB 101 Arabic as a Second Language I (3) [A]**

This course introduces the student to the Arabic alphabet, the script of modern written Arabic, and develops the student's knowledge in the four language skill areas. The materials are designed in the effective modern approach to foreign language teaching. This course is taught in the Arabic language. Prerequisite: Arabic Admission Placement or Arabic Placement Exam score less than or equal to 4.

ARAB 114 Arabic Basic Language Skills (3) [A]

This course introduces students to basic Arabic language skills: listening, speaking, reading and writing. This course is taught in the Arabic language. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: Arabic Admission Placement or Arabic Placement Exam score between 5 and 14.

ARAB 150 Human Development in the Arab World (3) [H],[K]

This course examines Human Development in the Arab World using the Reports of the UN Development Program and The Arab Fund for Economic and Social Development, which were released in 2003/2004. It provides students with detailed description and critical evaluation of the economic, demographic, social and political conditions in the Arab countries. This course is taught in the English language. Prerequisite: ENGL 101.

ARAB 201 Arabic as a Second Language II (3)

This course extends ARAB 101 and is designed to enhance further the non-native speaker's knowledge and proficiency of Arabic. This course is taught in the Arabic language. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: ARAB 101.

ARAB 205 Survey of Arab-Islamic Civilization (3) [H], [K]

The course acquaints students with the past influence and present importance of Arab-Islamic civilization. It investigates how Islam has shaped many different cultures in Asia, Europe and Africa over the last 1400 years. The religious, political and cultural values associated with Arab-Islamic culture will be discussed. Furthermore, students will be familiarized with the historical forces that shaped the past, and what these forces mean for the world today. This course is taught in the English language. This course satisfies the General Education Requirement for Arab Culture. Prerequisite: ENGL 101.

ARAB 215 Arabic Composition I (3)

This course introduces native speakers of Arabic-with English curricula education-to intermediate reading and writing skills in Arabic. Using various literary and non-literary styles, students will be exposed to functional grammar, sentence structure and paragraph writing. This course is taught in the Arabic language. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: Arabic Admission Placement or Arabic Placement Exam 15 or higher.

ARAB 220 Readings in Arabic Heritage (3) [A],[H]

This course surveys selections of writings from classical Arabic works. The main aim of the selections is to reflect the intellectual, literary and cultural developments of the Arabs from pre-Islamic times up to the present day. The course is thematically organized to allow students the opportunity to study the continuity or changes of certain values and beliefs in Arabic culture. This course is taught in the Arabic language. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: Arabic Admission Placement or Arabic Placement Exam 25 or higher.

ARAB 221 Creative Writing (3)

This course introduces students to the skills of writing the genre of the short story and novel. This course is taught in the Arabic language.

ARAB 301 Arabic as a Second Language III (3)

This course builds on the earlier Arabic courses for non native speakers. It uses more advanced materials to strengthen the reading, writing, listening and speaking abilities of the student. This course is taught in the Arabic language. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: ARAB 201.

ARAB 303 Literature of the Arabian Gulf (3) [H], [K]

This course looks at the contribution of literary figures from the Arabian Gulf, especially those of Kuwait, to Arabic literature in general. This course is taught in the Arabic language. This course satisfies the General Education Requirement for Arabic Culture. Sophomore class standing or Permission of Instructor.

ARAB 304 Arabic Drama (3) [H], [K]

The course looks at the emergence of Arabic drama in the 19th century until the present day, and assesses prototype drama forms of the medieval period. Through a study of selected plays by prominent authors, a picture will emerge as the influence of Arabic drama on Arabic literature. A selection of video recordings will also accompany the course. This course is taught in the Arabic language. This course satisfies the General Education Requirement for Arabic Culture. Sophomore class standing or Permission of Instructor.

ARAB 308 Arab Women in History (3) [H]

An exploration of the diversity of voices of Arab women, both past and present, from a multidisciplinary perspective. Topics include women as revolutionaries and nationalists, male-female relations, women in the workforce, female circumcision, family structures and lifestyles. This course is taught in the Arabic language. Sophomore class standing or Permission of Instructor.

ARAB 310 Classical Arabic Prose (3) [H], [K]

This course surveys Classical Arabic prose. The main aim of the selections is to introduce a few of the outstanding literary achievements of the Arabs in prose from the 8th to the 14th centuries. Readings will include works by Ibn al-Muqaffa', al-Jahiz, Ikhwan al-Safa', Badi' al-Zaman al-Hamadhani, and others. This course is taught in the Arabic language. Sophomore class standing. Prerequisite: ARAB 220.

- ARAB 312 Modern Arabic Literature (3) [H], [K]**
 This course surveys modern and postmodern Arabic creative writing: novel, short story, drama, poetry and literary criticism. Themes in this course include, but are not limited to, love, death, exile, social pressures and political concerns. The course demonstrates the nexus between Arabic literary production and contemporary challenges of Arab life. This course is taught in the Arabic language. This course satisfies the General Education Requirement for Arab Culture. Sophomore class standing or Permission of Instructor. Prerequisite: ARAB 220.
- ARAB 313 Arab Women and Literature (3) [H], [K]**
 A survey of the history of Arab women's literature, from the medieval period to the present day. Special attention is paid to the questions of literary tradition. This course is taught in the Arabic language. Sophomore class standing or Permission of Instructor.
- ARAB 314 Classical Arabic Poetry (3) [H], [K]**
 This course focuses on selected masterpieces of classical Arabic poetry. Individual works are studied with an aim to understanding the historical context of their composition and to appreciating their literary value. This course is taught in the Arabic language. This course satisfies the General Education Requirement for Arab Culture. Sophomore class standing or Permission of Instructor. Prerequisite: ARAB 220.
- ARAB 315 Literature of Al-Andalus (3) [H], [K]**
 A survey of poetry and prose from the nearly eight centuries of Arab-Islamic civilization in Al-Andalus. This course is taught in the Arabic language. This course satisfies the General Education Requirement for Arab Culture. Sophomore class standing or Permission of Instructor. Prerequisite: ARAB 220.
- ARAB 316 Literature in the Abbasid Era (3) [H], [K]**
 This course involves the study of literature in the Abbasid Era, both early and later ages up to the fall of Baghdad in 1258. Through a literary analysis of poetry and prose of the Abbasid period, some of the historical characteristics of the period, as well as the development of music, cuisine and the arts will be highlighted. This course is taught in the Arabic language. Sophomore class standing. Prerequisite: ARAB 220.
- ARAB 318 Modern Arabic Novel (3) [H], [K]**
 This course focuses on the development of the Arabic novel, and surveys the main factors that led to the rise of the novel. Students will analyze a number of works by prominent Arab novelists: Naguib Mahfouz, Jamal Ghitani, Tayyib Saleh, Ghada Samman, and Ghassan Kanafani. Exile, post-colonialism, feminine discourse will be among the themes discussed. The readings will be supplemented with critical theory by leading Arab literary critics. This course is taught in the Arabic language. Sophomore class standing. Prerequisite: ARAB 220.
- ARAB 322 Media Arabic (3) [K]**
 This course familiarizes students with the language skills necessary to comprehend and contribute to a wide range of media communications: Writing, interviewing, broadcasting, reporting, news coverage, etc. This course is taught in the Arabic language. This course satisfies the General Education Requirement for Arab Culture. Sophomore class standing or Permission of Instructor.
- ARAB 369 Short Course (1 - 3)**
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- ARAB 388 Independent Study (1 - 3)**
 Permission of Instructor. Can be repeated for credit with different topic.

ARAB 389 Special Topics (3)

Permission of Instructor. Can be repeated for credit.

ARAB 401 Arabic as a Second Language IV (3)

This course concludes the sequence of Arabic courses as a Second Language. It further develops the four language skills and takes the student to the threshold of advanced proficiency. This course is taught in the Arabic language. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Junior class standing or Permission of Instructor. Prerequisite: ARAB 301

ART (ART)**ART 100 Introduction to Creativity (3) [H]**

This course introduces students to a variety of art media including drawing, painting, collage, and sculpture through studio exercises and/or lectures. It focuses on the mental processes involved in the generation of ideas or concepts necessary to develop a student's ability to imagine and construct, that is, to create.

ART 101 Art History (3) [H]

A chronological survey highlighting the developments in Western Art from the ancient Greeks to the 19th century.

ART 103 Arab and Islamic Art (3) [H],

[K] A critical survey of the chronological development of Islamic Art. This course satisfies the General Education Requirement for Arab Culture.

ART 115 Color Theory (3) [H]

This is an introductory studio course devoted to the development of the perception of color and its use as a tool for artists and designers. The exercises test the appearance of color relationships in complex structures, dealing with meaning and examining the appropriate use of color in the context of design problems. Cross-listed with GDES 115.

ART 121 Drawing I (3) [H]

A studio course that introduces drawing materials and methods. Students gain an understanding of the techniques of drawing, including perceptions, shading, line weight, and representation drawing.

ART 201 Art and Society (3) [H]

Focus on significant artists and artworks in the context of historical periods and requirements of the societies.

ART 211 Cities as Art (3) [H], [K]

An examination of various historic cities in or connected to the Islamic world, with a discussion of their history and evolution, important artworks, landmarks, and buildings. This course satisfies the General Education Requirement for Arab Culture.

ART 215 Modern Art (3) [H]

This course surveys the art and architecture of the late nineteenth and twentieth century Europe and North America. This course will introduce students to the major artists, architects, and artistic movements of the period, including Impressionism, Cubism, Surrealism, and Abstract Expressionism as well as develop the students' knowledge of the chronological development of Western art that was introduced in Art 101, Art History. Prerequisite: ART 101.

BIOL 105 Environmental Science (3) [P]
 This introductory course addresses the relationship between human activity and the environment. Emphasis on ecosystems, energy flow and nutrient cycling, populations dynamics, resource use and conservation, pollution, management and eradication of pollution, ethics and the environment.

BIOL 200 Structure of the Human Body (3) [P]
 A course designed to help students understand the biological basis of human health and disease. Study of cell and molecular biology, physiology, anatomy, reproductive biology, and function of various organs as they relate to humans. Emphasis will be placed on specific topics in human health and disease. Prerequisite: BIOL 101 or BIOL 103.

BIOL 215 General Microbiology (3) [P]
 A study of the structure, physiology, and growth of microorganisms; beneficial and harmful relationships between microorganisms and people are examined. Organisms studied include protozoa, algae, fungi, bacteria, and viruses. Prerequisites: BIOL 101 or BIOL 103.

BIOL 220 Ecology (3) [P]
 An examination of the interactions of living organisms with their physical and biological environments. Special attention will be given to population dynamics and the interactions among organisms that determine the structure, function, evolutionary development of biological communities, and the ecological role played by man. Prerequisite: BIOL 101 or BIOL 103 or BIOL 105.

BIOL 317 Introduction to Neurobiology (3) [P]
 A general introduction to basic anatomy and physiology of the brain. Specific topics include neuronal function, synaptic transmission, sensory processing, movement, sleep and wakefulness, hunger, thirst, caloric and body fluid homeostasis, recovery of function after brain damage, and various neurological and psychiatric disorders. Sophomore class standing or Permission of Instructor. Prerequisite: BIOL 101 or BIOL 103.

BIOL 369 Short Course (1 - 3)
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

BIOL 388 Independent Study (1 - 4)
 Permission of Instructor. Can be repeated for credit with different topic.

BIOL 389 Special Topics (3)
 Permission of Instructor. Can be repeated for credit with different topic.

BUSINESS ETHICS AND LAW (BEAL)

BEAL 369 Short Course (1 - 3)
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit.

BEAL 388 Independent Study (1 - 3)
 Permission of Instructor. Prerequisite: ENGL 305 or MGMT 305. Can be repeated for credit.

BEAL 389 Special Topics (3)
 Permission of Instructor. Can be repeated for credit.

BEAL 401 Legal Issues in Business (3)
Examines business legal issues such as; legal concepts, philosophy and functions of the court systems. Survey of contracts, sales, agency, legal forms of business and regulation of businesses. Prerequisite: MGMT 345 and ENGL 305 or MGMT 305 and Junior Class Standing.

BEAL 403 Corporate Governance (3)
The issues of human rights in labor relations in international business operations. International law, labor exploitation, child labor, piracy of intellectual rights and other issues. Senior class standing. Prerequisite: MGMT 345 and ENGL 305 or MGMT 305 [Cross-listed with PHIL 403.]

BEAL 407 International Business Law (3)
A Study of international investment law, the law of international trade, currency exchange and World Trade Organization regulations. Senior class standing. Prerequisites: MGMT 345 and FINC 341 and ENGL 305 or MGMT 305.

CHEMISTRY (CHEM)

CHEM 101 General Chemistry I (4) [P]
This introductory course covers the fundamental chemical principles, concepts and laws. Topics include chemical reactions, stoichiometry, gas laws, kinetic theory of fazes, thermochemistry, atomic structure and periodicity, the Bohr model, Lewis structures, ionic and covalent bonding, the solid state and crystallography, the liquid state and phase diagrams. Laboratory experiments illustrate principles discussed in the course. Co-requisite: MATH 201.

CHEM 102 General Chemistry II (4) [P]
Continuation of General Chemistry I. Covers properties of solutions; oxidation-reduction reactions, colligative and chemical properties; acid base and complex ion equilibria, laws of thermodynamics, enthalpy and free energy, electrochemistry, representative elements, transition metals, and nuclear chemistry. Laboratory includes experiments illustrating principles discussed in the course. Prerequisite: CHEM 101.

CHEM 103 Chemistry in Everyday Life (4) [P]
An introduction to the principles of chemistry and its role in our daily life. A number of topics will be addressed such as nuclear chemistry and the atomic bomb, acids and bases, petroleum, chemistry in the kitchen, food additives and coloring, perfumes, soaps and detergents, toxins and poisons, medicine and drugs, forensic chemistry and DNA fingerprinting, global warming, acid rain, air and water pollution. A required laboratory is part of the course.

CHEM 105 Environmental Chemistry (3) [P]
A study of the Chemistry of current environmental problems and potential solutions. Topics include water pollution and treatment, air pollution, photochemical smog, hazardous wastes, heavy metal soils, ground level pollution, and toxicology. It also includes issues of the ozone layer, global warming, acid rain, nuclear waste disposal and the problem and treatment of oil spills.

CHEM 200 Aqueous Environmental Chemistry (3) [P]
This course introduces students to properties and composition of natural waters. Topics include hydrologic cycle, water quality, partitioning, transport, chemical equilibria, pH, complexation, redox processes and water treatment. Prerequisite: CHEM 101 or CHEM 103 or CHEM 105.

CHEM 201 Atmospheric Environmental Chemistry (3) [P]
Introduction to structure, composition and chemical processes occurring in Earth's atmosphere, including interactions with solar radiation, stratospheric ozone layer, photochemical smog and acid rain. Prerequisites: CHEM 101 or CHEM 103 or CHEM 105

CHEM 300 Organic Chemistry (4) [P]
 An introduction to organic chemistry. The course covers the chemistry of hydrocarbons and halogenated hydrocarbons; aromatic hydrocarbons; Chemistry of oxygen and nitrogen compounds, and chemistry of alcohols, ethers, carbonyl compounds and amines. Laboratory include experiments illustrating topics discussed in the course. Sophomore class standing or Permission of Instructor. Prerequisite: CHEM 101 or CHEM 103.

CHEM 369 Short Course (1 - 3)
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

CHEM 388 Independent Study (1 - 4)
 Permission of Instructor. Can be repeated for credit with different topic.

CHEM 389 Special Topics (3)
 Permission of Instructor. Can be repeated for credit with different topic.

COMMUNICATION STUDIES (COMM)

COMM 101 Intro to Mass Communication (3)
 Examines the issues and concepts involved in the initial study of the mass media, (i.e., television, radio, newspapers, magazines and interactive outlets) and how they impact the individual and society.

COMM 110 Intro to Digital Media Design (3)
 Introduces students to principles of design in digital media. Emphasis is placed on how to use relevant software, including Photoshop, Illustrator and InDesign. [Cross-listed with GDES 110]

COMM 111 Images in Media (3)
 The power of images in media is examined through milestones including those in photography, film, video, and interactive media.

COMM 201 Principles of Journalism (3)
 This course introduces students to the tenets of what makes news culture and how the modern journalist is shaped. Students will be introduced to various theoretical and practical matters that impact the journalist and affect the news media and the audience from professional standards and techniques for informing mass audiences; paradigms of reliability, confirmation, completeness in reportorial writing for news media. Prerequisite or Co-requisite: COMM 101

COMM 205 Writing for Mass Media (3)
 Explores basic writing principles and techniques for influencing mass audiences. Exposes students to intensive practice in writing for various groups, including political, civic, and business organizations. Prerequisite: ENGL 101

COMM 208 Film Production I (3)
 Introduces students to basics of cinematic storytelling through narrative genres and documentaries. Examines the basics of script-writing, directing, cinematography, and editing. Develops skills in all areas of the craft, and explores both the creative and the technical aspects of production. Includes a short project. Familiarizes students with the nature of filmmaking through lectures and working experiments with traditional narrative filmmaking, documentary, and new media. [Cross-listed with GDES 208].

- COMM 210 Research Methods (3)**
 Introduces students to social science research methods within a mass communication context. It emphasizes the scientific method and surveys basic concepts of theoretical and empirical research. Covers a variety of methodologies, elementary statistics and criteria for adequate research. Prerequisites: COMM 101 and STAT 201. STAT 201 can be taken as a Co-requisite.
- COMM 225 Theories of Communication (3)**
 A basic theory course for communications and media studies. Introduces prevailing communication theories, including agenda setting, uses and gratification, and diffusion constructs. Prerequisite ENGL 101 and COMM 101
- COMM 230 Principles of Advertising (3)**
 Provides students with an analysis of commercial advertising from a global perspective with attention to communication theory. Students will examine the structure of advertising messages, how they are adapted to specific audiences, and the social settings in which they occur. Issues of Internet advertising and e-commerce will be explored. Prerequisites: COMM 101 or MRKT 200.
- COMM 240 Principles of Public Relations (3)**
 Surveys the fundamentals and techniques involved in public relations operations, including the history, philosophy and ethics of the practice and functions of management, planning, research and communication. It explores the theoretical and practical applications of public relations in contemporary society. Prerequisites: COMM 101 or MRKT 200.
- COMM 309 Film Production II (3)**
 The course emphasizes the artistic film movement, the role of the American cinema, and its mark on the world. Explores the old and the new Hollywood and the relationships between aesthetics and expenses. Students will explore the Preproduction, the Production, and the Postproduction phases of filmmaking. Sophomore class standing or Permission of Instructor. Prerequisite: COMM 208 or GDES 208. [Cross-listed with GDES 345].
- COMM 310 Broadcast Journalism (3)**
 Introduces students to the principles of broadcast journalism as it occurs in radio and TV. The course includes discussions of technical, ethical, and legal issues affecting broadcast news, as well as lab / studio practice in writing, editing, producing and reporting broadcast stories. Sophomore class standing or Permission of Instructor. Prerequisite: COMM 201.
- COMM 312 News Reporting and Editing (3)**
 Explores and practices the skills of a working journalist. Students will build on what is being taught in COMM 201 and apply that knowledge to this class. Emphasis will be on the reporting, writing and the editing of features, hard news stories, broadcast copy, and writing for the Web. There will also be a focus on practical and professional-based skills such as reporting beats and newsroom procedures. Sophomore class standing or Permission of Instructor. Prerequisite: COMM 201 or COMM 205.
- COMM 313 Documentary Production (3)**
 Introduces students to the concepts of creating a documentary. Emphasis on the practice of documentary production through creation of short or/and semester long productions. Interviewing, shooting, lighting, framing and various narrative techniques are explored. Prerequisite: COMM 201 or COMM 208
- COMM 320 Mass Media Law (3)**
 Examines the law as it affects the mass media. Discusses such areas as libel, privacy, public records, criminal pretrial publicity, freedom of information and obscenity. Sophomore class standing or Permission of Instructor. Prerequisite: COMM 101.

- COMM 325 Mass Communication and Society (3)**
Provides students with an overview of the effect of media on culture and society. The course explores how media reflect and mould culture. It examines the role the media play in creating the global village. It also examines how the audience uses and is used by various media outlets and how that use affects the perception of various cultures. Sophomore class standing or Permission of Instructor. Prerequisite: COMM 101.
- COMM 328 Media and Democratization (3)**
Media's role in processes of democratization in Europe, Asia, and the Americas. Current debates and initiatives to make mass media systems more democratic. Sophomore class standing or Permission of Instructor. Prerequisites: COMM 101.
- COMM 332 Writing/Editing Opinion Edit (3)**
Principles of writing editorials and opinion columns; policies and practices of opinion writing in mass media; reviews; analysis of editorials, Op-Ed and other commentary. Sophomore class standing or Permission of Instructor. Prerequisite: COMM 201
- COMM 333 Writing Speeches and Delivery (3)**
The preparation and delivery of speeches and presentations, from research and writing to practical delivery. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 108.
- COMM 338 Copywriting for Advertising (3)**
Explores issues, strategies, theories, and practices in writing and editing advertising messages. Teaches the technical aspects of advertising; writing advertising copy and designing effective layouts. Students use their software design skills. Sophomore class standing or Permission of Instructor. Prerequisite: COMM 230
- COMM 350 Organization Communication and Leadership (3)**
Teaches students the role of communication in creating a productive organizational environment in terms of interpersonal and group behavior. Reviews the theory and practice of team building, conflict resolution and problem solving and explores how communication and organizational cultures relate to each other. Sophomore class standing or Permission of Instructor. Prerequisite: COMM 101 or MGMT 201. [Cross-listed with MGMT 350]
- COMM 360 Public Relations Writing (3)**
Introduces the student to the essentials of how to prepare and present written material for use in the practice of public relations. It teaches the student the techniques needed for creating effective written communication at a standard generally expected of persons entering into the practice of public relations. Sophomore class standing or Permission of Instructor. Prerequisite: COMM 240.
- COMM 369 Short Course (1 - 3)**
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- COMM 370 Political Communication (3)**
Political communication is fundamental to the political sphere. This course will introduce students to established routines in current contemporary political communication and election campaigns. Case studies from the US, UK, and other countries will be examined in institutional and cultural contexts that influence the processes of political communication. Junior class standing. Prerequisites: COMM 101.
- COMM 375 Rhetorics of Cultural Dissonance (3)**
This course examines the ways in which language creates, reflects, and transforms cultural identity and beliefs and, consequently, our understanding of local and global relations of power. Through

analyses of the various expressive contexts from which ideas about identity and culture emerge, students will develop a greater understanding of the origins and contemporary manifestations of conflict between and within “East” and “West” and “North” and “South.” Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101. [Cross-listed with ENGL 375].

COMM 380 Media Translation (3)

The course teaches the various theories and practical skills and techniques of translating, subtitling and dubbing media materials, particularly television programs. The course involves education and training based on TV materials related to Media, Economics, Politics, Law, Business, Literature, Culture, Medicine and Science.

COMM 388 Independent Study (1 - 3)

Permission of Instructor. Can be repeated for credit with different topic.

COMM 389 Special Topics (3)

Permission of Instructor. Can be repeated for credit with different topic.

COMM 402 PR Campaigns (3)

Capstone for public relations students. Class functions as a full-service public relations firm. The aim is to have students embark on a semester-long corporate communications project using all the relevant skills gained in other COMM and similar courses. Emphasis is given to advanced public relations writing skills aimed at creating, implementing, and machining positive corporate public image. Junior class standing or Permission of Instructor. Prerequisite: COMM 240.

COMM 405 International Mass Communication (3)

Examines world mass media systems: what they are like; how they operate; what impact they have on people; what policies are and could be used by the various countries to develop or regulate them; and how they are influenced by a country’s political, economic, social and cultural make-up. Junior standing. Prerequisite: COMM 101.

COMM 410 New Media and Society (3)

The rise and diffusion of new media had a profound impact on society. The course explains the complex relationship between new media and social change and looks at how communication theory is impacted by the changing media environment. Junior class standing or Permission of Instructor. Prerequisite: COMM 101.

COMM 420 Editing and Editorial Policies (3)

Fundamental principles and practices of editing, copy editing, wire editing, deadline writing, and editorial judgment; editorial policy; introduction to newspaper design and layout. Junior class standing or Permission of Instructor. Prerequisite: COMM 320 or COMM 312.

COMM 422 Writing/Edit Feature Articles (3)

Practices advanced writing and editing of feature stories. Instruction will also be given on developing stories through research, interviewing, and writing, followed by marketing and publication of stories. Junior class standing or Permission of Instructor. Prerequisite: COMM 312.

COMM 425 International Case Studies in Public Relations (3)

Exposes students to major issues in public relations, with a focus on the characteristics of successful cases in PR. The class lays the theoretical foundation for comparative analysis of public relations practice around the world and then examines national and regional examples. Junior standing.

COMM 427 Media and Arab Society (3)
 A survey of the histories, roles, and institutions of media in Arab countries from printing to electronic media, from major publishing firms and publications to satellites and satellite broadcasters, including the Internet and publications in that medium. Junior Standing. Prerequisites: COMM 101.

COMM 430 Oral History (3)
 A seminar that critically examines current issues via the method of oral history. Additionally, this seminar will enable students to apply methods of research and analysis from various university programs as they prepare for and analyze interviews. The course will involve participation in at least two oral history projects over the course of the semester. Prerequisites: COMM 101 or any HIST 100 or 200 level course or AMST 121 or INST 204 or INST 205.

COMM 455 Advertising Media Planning (3)
 Examines media planning, buying, and sales as performed by advertising agencies, clients, and media. Students learn how to evaluate and select advertising media for various market situations. Examines target audience, media characteristics and data sources. Junior class standing or Permission of Instructor. Prerequisite: COMM 230

COMM 460 Advertising Campaigns (3)
 Capstone for Advertising students. Class functions as a full-service advertising agency. Using all the relevant skills gained in other COMM and similar courses, students collaborate on a semester-long project that includes the conception, research, development, and execution of real-life advertising campaigns. Special emphasis is given to advanced copywriting, as well as to layout and production concerns for print, broadcast, and new media. Junior class standing or Permission of Instructor. Prerequisite: COMM 230.

COMM 470 Internship in Communication (1 - 3)
 Students gain practical experience in the field. A weekly log accounting for activities required. Three credits are equivalent to 120 hours of internship. Junior class standing and Permission of Instructor. This is a Pass/Fail course.

COMM 480 Seminar in Communication (3)
 Junior class standing and Permission of Instructor.

COMPUTER ENGINEERING (CPEG)

CPEG 201 Matlab Programming (3)
 Matlab and its application for engineering analysis and problem solving. Command Window Operations, 2D plotting, Array Manipulation, Data Handling, Control Structures, Scripting and Function Files, 3D plotting; numerical methods, roots of nonlinear equations, systems of equations, differential equations, etc. Building Graphical User Interfaces. Simulink: Introduction to Model-based Design, Matlab Toolboxes. Prerequisite: CSIS 120; Prerequisite or Co-requisite: MATH 210.

CPEG 210 Digital Logic Design (4)
 Number systems and codes, Boolean algebra, minimization methods, combinational circuit design and analysis, arithmetic blocks, programmable logic, latches and flip-flops, sequential logic design, state machines, registers, counters, memory elements, logic synthesis, high-level synthesis, an introduction to VHDL. A lab component is included in this course. Prerequisite: CSIS 120.

CPEG 220 Computer Organization and Architecture (3)
 The fundamental elements of digital logic and their use in computer construction; register level description of computer execution and the functional organization of a computer; essential elements of computer architecture; major functional components of a modern computer system. Design principles associated with modern computer architectures; performance and cost considerations;

are limited to a maximum of 6 internship credit hours. Junior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.0.

CPEG 475 Senior Design Capstone I (3)

A supervised project in groups of normally three students aimed at providing practical experience in some aspect of computer engineering. Students are expected to complete a literature survey, project specification, critical analysis, and to acquire the necessary material needed for their intended end product. Senior class standing.

CPEG 480 Senior Design Capstone II (3)

A course that seeks to impart in students the skill to integrate the knowledge gained in different courses by asking them to develop a product that has passed through the design, analysis, testing, and evaluation stages. This course includes production of a professional report, design process and outcome, implementation and testing, and critical appraisal of the project. Prerequisite: CPEG 475.

COMPUTER SCIENCE (CSIS)

CSIS 101 Computers and Information Systems (3) [T]

An introduction to the use of computers. The hardware and system software of computers are described. Commonly-used software applications (word processing, spread sheets, databases, etc.) as well as communication (e-mail, World Wide Web, etc.) are reviewed and discussed. Students will have extensive hands-on training during supervised laboratory sessions.

CSIS 110 Information Systems (3) [T]

An overview of information systems. Topics include: computer hardware, operating systems, databases, telecommunications and networks, Internet, information systems software, designing information systems, applications and artificial intelligence.

CSIS 120 Computer Programming I (4) [T]

This course examines the fundamental programming constructs of an Object Oriented Language, Java: data types, variables, operators, expressions and statements, conditional and iterative control structures, classes, objects and methods.

CSIS 130 Computer Programming II (4) [T]

This course builds upon the material presented in CSIS120 and introduces more advanced Object-Oriented programming concepts and implementation details. Topics include: inheritance and polymorphism, exception handling, dynamic data structures, File I/O, and graphical user interfaces. Prerequisite: CSIS 120.

CSIS 150 Professional & Ethical Issues (3)

Legal, ethical, privacy, and security issues in Computer usage. Group work, student presentations, discussions, and student essays addressing the above issues. Case studies relating to computer ethics will be discussed. Prerequisite: CSIS 110 or CSIS 120.

CSIS 210 Data Structures and Algorithms (3)

The study of fundamental data structures, algorithms and their applications. Topics include lists and trees; queues and stacks, sort and search techniques; analysis and design of efficient algorithms; Recursion. Prerequisites: CSIS 130 and Corequisite MATH 213

CSIS 220 Computer Architecture and Assembly Language (3)

An introduction to digital computer hardware architecture and organization. Topics include digital logic, processor design, instruction sets, and system architecture. Programs written in assembly language will be used to gain hands-on experience with the underlying system architecture. Prerequisite: CSIS 130.

CSIS 230 Programming in a Second Language (3)
 An introduction to a second computer programming Language. Students learn to read and write program in a second language. The language chosen is one with wide popularity and use. Prerequisite: CSIS 130

CSIS 250 Database Systems (3)
 An introduction to database concepts, database advantages and users, data independence relational data model, object oriented model, database design by analysis and synthesis, relational algebra, data definition and manipulation languages, semantic integrity constraints, semantic query transformation and optimization. Prerequisite: CSIS 130.

CSIS 255 Web Technologies (3)
 This course focuses on building Web applications and their associated technologies. Client and server languages, professional website development tools, databases on the web, and web servers. Students are expected to complete a project in the development and maintenance of web sites as well as web services. Prerequisite: CSIS 130.

CSIS 260 System Analysis and Design (3)
 Study of the principles, tools and practices of information systems analysis. Emphasis on learning pragmatic aspects of working as a system analyst and employing the tools of systems analysis and design. Prerequisites: CSIS 210

CSIS 300 E-Commerce (3)
 This course focuses on the evolution of electronic commerce where business is conducted between organizations and individuals relying primarily on digital media and transmission. Participants investigate the opportunities and challenges of exchanging goods and services over communications networks as well as the manner in which relationships are being reshaped. New forms of business arrangements are also examined. Course activities are designed to provide both managerial and entrepreneurial assessments of anticipated advances in information technology with respect to business systems and electronic markets. Sophomore class standing or Permission of Instructor. Prerequisite: CSIS 250

CSIS 310 Intro to Operating Systems (3)
 Study of supervisory programs. System services and file systems; CPU scheduling; memory management; virtual memory; disk scheduling. Deadlock characterization, prevention, and avoidance; concurrent processes; semaphores; critical sections; synchronization. Distributed systems and communication protocols. Sophomore class standing or Permission of Instructor. Prerequisite: CSIS 210.

CSIS 320 Principles of Programming Languages (3)
 Formal definition of programming languages including specification of syntax and semantics. A survey of programming paradigms (procedural, functional, and logic). History of programming languages, data types supported, control structures and run time management of dynamic structures. Sophomore class standing or Permission of Instructor. Prerequisite: CSIS 210.

CSIS 322 Net Centric Computing (3)
 This course covers the fundamental concepts of computer networks. Topics include: OSI model; LAN/WAN architecture and design; network services and protocols such as TCP/IP, mobile IP; DNS, ICMP, telnet, ftp, etc; distributed object systems; and collaboration technology and groupware. Students are expected to complete a project that covers the essentials of setup, configuration and administration of multi-protocol servers and clients. Sophomore class standing or Permission of Instructor. Prerequisite: CSIS 210

DRAM 213 Shakespeare for Beginners (3) [H]
A broad survey course of selected scenes and other material from the dramatic works of William Shakespeare.

DRAM 250 Acting I (3) [H]
A continuation of Intro to Acting, with a focus on the Stanislavsky method and Chekhov. Prerequisites: DRAM 150 or Permission of Instructor.

DRAM 251 Acting II (3) [H]
Acting Lab focusing on a specific playwright or other dramatic form such as Comedia del Arte, Greek Chorus, movement, or puppetry. Prerequisites: DRAM 250.

DRAM 350 Shakespeare in Performance (3) [H]
An exploration into Shakespeare's prose and poetry through text and performance. Text analysis and scansion techniques will be discussed as well as sonnet composition. Sophomore class standing and Permission of Instructor.

DRAM 360 Theater Production (3) [H]
Faculty directed theater production. Specific dramatic material will vary. Students may participate in acting, stage management, dramaturgy, assistant direction, design (costume/ lighting/ scenic), or as other production staff. Sophomore class standing and Permission of Instructor.

DRAM 369 Short Course (1 - 3)
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

DRAM 388 Independent Study (3)
Permission of Instructor. Can be repeated for credit with different topic.

DRAM 389 Special Topics (1 - 3)
Permission of Instructor. Can be repeated for credit.

ECONOMICS (ECON)

ECON 101 Introduction to Contemporary Economic Issues (3)
Intertwining economic theory and real-world issues, the course provides a general education approach to economics. It illustrates how such ideas as opportunity cost, marginality, and aggregate demand and supply can be used to analyze issues in economics today, including: wage and price control, inflation, fiscal policy, international trade, and energy prices.

ECON 200 Principles of Microeconomics (3)
An introduction to microeconomics. The course focuses on supply, demand and product markets, production costs and pricing and output under different market structures. Prerequisite: MATH 101 or 103 or 110.

ECON 201 Principles of Macroeconomics (3)
An introduction to macroeconomics. The course focuses on national income and product accounts, consumption, investment, international trade, and output. It also provides students with a theoretical basis in macroeconomics, introduces them to the use of Macro models in a real-world context. Topics covered include the nature of risk and its impact, the use of forecasts, the volatility of foreign exchange markets, and the role of fiscal and monetary policy in stabilizing the economy. Prerequisites: MATH 101 or MATH 103 or MATH 110.

ECON 300 Intermediate Microeconomics (3)
Mathematically-based theory of relative prices of commodities and services under perfect and imperfect competition; theory of the firm; consumer demand. Sophomore class standing or Permission of Instructor. Prerequisites: ECON 200 and ECON 201.

ECON 301 Intermediate Macroeconomics (3)
Mathematically-based theory and concepts of national income determination, employment and economic growth. Sophomore class standing or Permission of Instructor. Prerequisites: ECON 200 and ECON 201.

ECON 304 Economics of Labor (3)
The application of economic theory to current labor problems, domestic and foreign. Problems include wage theory and wage differentials, training policy, poverty, unemployment and underemployment, migration, discrimination, issues of productivity, industrialization and union policies. Sophomore class standing or Permission of Instructor. Prerequisite: ECON 200 and ECON 201.

ECON 305 International Economics (3)
Theories and concepts of international trade; real flows; terms of trade; industry structure and resource differences; international competitiveness; the effects of international trade on the economies of importing and exporting countries; the effects of tariffs and quotas and other nontariff barriers on international trade. Also includes multinational corporations, trade and development, customs, and unions. Sophomore class standing or Permission of Instructor. Prerequisites: ECON 200 and ECON 201.

ECON 315 Managerial Economics (3)
The course focuses on the application of the concepts of economics to managerial issues. It integrates economic principles with modern management techniques and theory for the purpose of efficient managerial decision-making. Topics include optimization techniques, demand estimation and forecasting, production and cost analysis, market structure, and pricing practices. Sophomore class standing or Permission of Instructor. Prerequisites: ECON 200 and ECON 201.

ECON 350 History of Economic Thought (3)
Exposition and analysis of the development of economic history. Emphasis on tracing the evolution of economic theories out of specific historical contexts. Major theorists and schools of economic thought, from Adam Smith to the present will be reviewed. Sophomore class standing or Permission of Instructor. Prerequisites: ECON 200 and ECON 201.

ECON 351 Money and Banking (3)
Analysis of capital markets and the role of banks, and other financial institutions in the economy. Sophomore class standing or Permission of Instructor. Prerequisites: ECON 200 and ECON 201.

ECON 363 Environmental & Natural Resources Economics (3)
An introductory course in the environmental and natural resource economics, it is designed to help students explore the important role of economics in the design and implementation of policy and management of natural and environmental resources. Sophomore class standing or Permission of Instructor. Prerequisites: ECON 200 and ECON 201.

ECON 369 Short Course (1 - 3)
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

- ECON 388 Independent Study (1 - 3)**
Independent study by student with the requirement that the student writes a report summarizing the knowledge acquired during the period of study. Permission of Instructor. Prerequisite: ENGL 305 or MGMT 305.
- ECON 389 Special Topics (3)**
An analysis of contemporary issues in economic theory. Permission of Instructor. Can be repeated for credit with different topic. Prerequisites: ECON 200 and ECON 201.
- ECON 401 Economic History: 20th Century (3)**
Historical investigation of economic development; comparison of European and Third World development as contrastive case studies. Senior Class standing. Prerequisites: ECON 200 and ECON 201 and ENGL 305 or MGMT 305.
- ECON 405 Comparative Economic Systems (3)**
A theoretical and historical evaluation of different economic systems, planning strategies and their effects on economic growth, democracy, equity and effectiveness; assessment of the historical experience of the formerly socialist economies; distinctive features of European and Japanese economies and Third World societies. Senior class standing. Prerequisites: ECON 200 and ECON 201 and ENGL 305 or MGMT 305.
- ECON 409 Economic Development (3)**
Theories and policies of economic development; role of international institutions; impact of international trade policy, international capital flows, exchange rate policies, inflation, public finance, monetary policy, competitiveness, military expenditures; agriculture, population, and the environment. Senior class standing. Prerequisites: ECON 200 and ECON 201 and ENGL 305 or MGMT 305.
- ECON 429 Advanced Environmental & Energy Economics (3)**
The course will examine the principles, policy instruments, and current practice of using economics to analyze various environmental and natural resource problems, especially the economics of energy. It will address the study of environmental protection, resource conservation, evaluation of environmental costs and benefits, and optimal management of energy resources. Senior class standing. Prerequisites: ECON 200 and ECON 201 and ENGL 305 or MGMT 305.
- ECON 452 Econometrics (3)**
Review of econometric statistics and statistical techniques; the application of statistical models to economic data; regression analysis and estimation of economic models; the question of violations of the basic assumptions of the regression model, dummy variables and analysis of variance; index numbers and time series analysis. Senior class standing. Prerequisites: ECON 200 and ECON 201 and MATH 201 and STAT 201 and ENGL 305 or MGMT 305.
- ECON 470 Internship in Economics (1 - 3)**
An Internship experience with the requirement that the student write a report or summarizing what the internship job added to his/her knowledge of economics and related fields. Students are limited to a maximum of 3 internship credit hours. Senior class standing and Permission of Instructor. This is Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.25.
- ECON 485 Seminar in Economics (3)**
A seminar for seniors; majors conduct research projects on varying relevant economic issues; presentation of research approaches, subjects and results; a group project and an individual research project may be allowed. Topics and Instructor may vary. Senior class standing. Prerequisite: ENGL 305 or MGMT 305.

EDUCATION (EDUC)

EDUC 100 Essentials of Learning (1) [L]

The course consists of modules that direct students in a methodical way through a sequence of active learning strategies. Several self-discovery units will lead students through practical activities which are designed to enhance their personal growth and development as active learners. Specifically, the course work is designed to provide students with tools to be successful as life long learners.

EDUC 200 Career Exploration (1)

A one-credit hour course offered during the Fall and Spring semesters. This course leads students through the Major and Career Planning Process, and provides them the opportunity to explore themselves and the world of work. Through a variety of methods, students will become aware of their unique interests, skills, values, needs, and personality type. This interactive course will acquaint students with practical and theoretical aspects of the career planning process. Through library research, computer research, and oral presentations, students will demonstrate their ability to make informed choices regarding careers selection. This elective course is not intended as a substitute for EDUC 100. Sophomore, Junior, or Senior class standing.

EDUC 369 Short Course (1 - 3)

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

EDUC 388 Independent Study (1 - 3)

Permission of Instructor. Can be repeated for credit with different topic.

EDUC 389 Special Topics (3)

Permission of Instructor. Can be repeated for credit with different topic.

ELECTRICAL ENGINEERING (ELEG)

ELEG 220 Electric Circuits (4)

Introduction to the basic laws and techniques for electric circuits analysis, response of circuits with resistors, independent sources, controlled sources, operational amplifiers; Transient analysis of basic circuits with R, L, and C components. AC analysis and phasors; An Introduction to Matlab. A lab component is included in this course. Prerequisite: PHYS 116 and Co-requisite: MATH 210.

ELEG 270 Electronics (4)

Introduction to the basic electronic devices including diodes and transistors and their operating principles. Analysis of electronic circuits operating under dc bias and switching conditions. Applications of devices in digital electronic circuits. Prerequisite: ELEG 220.

ELEG 320 Signals & Systems (3)

Signals (functions of one or more independent variables) and Systems (devices that perform operations on signals) presents fundamental concepts that arise in a variety of fields. The ideas and techniques associated with these concepts inform such diverse disciplines as biomedical engineering, acoustics, communications, aeronautics and astronautics, circuit design, and the arts, humanities, and social sciences. Topics include transforms (Z, Laplace, Fourier), frequency analysis, convolution, FIR and IIR systems, stability, generalized functions, modulation (AM and FM), sampling, and digital filtering. Sophomore class standing or Permission of Instructor. Prerequisite: CPEG 230.

ELEG 369 Short Course (1 - 3)

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

ELEG 388 Independent Study (1 - 4)

Permission of Instructor. Can be repeated for credit with different topic.

ELEG 389 Special Topics in Electrical Engineering (3)

Permission of Instructor. Can be repeated for credit with different topic.

ELEG 470 Internship in Electrical Engineering (1 - 3)

An Internship experience with the requirement that the student write a report summarizing what the internship job added to his or her knowledge of Electrical Engineering and related fields. Students are limited to a maximum of 6 internship credit hours. Junior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.0.

ENGINEERING (ENGR)**ENGR 200 Engineering Design (3)**

An overview of engineering as a profession, ethics in engineering, team work, reporting, engineering graphics and communication skills for an engineer, reverse engineering, design and build a project, engineering modeling, cost-benefit tradeoffs, product design and performance, business and career planning, and professional practice.

ENGR 330 Engineering Economics (3)

Provides knowledge of economic consequences of engineering decision processes, and methods for evaluation of engineering design alternatives in terms of costs and benefits. Topics include time equivalence of money, annual cost method, present worth method, rate of return method, depreciation, benefit/cost, break-even analysis, income taxes, equipment replacement, and risk analysis. Sophomore class standing or Permission of Instructor. Prerequisite: ECON 200.

ENGR 369 Short Course (1 - 3)

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

ENGR 388 Independent Study (1 - 4)

Permission of Instructor. Can be repeated for credit with different topic.

ENGR 389 Special Topics (3)

Permission of Instructor. Can be repeated for credit with different topic.

ENGLISH (ENGL)**ENGL 099 Fundamentals of Reading and Writing (12)**

This course focuses on developing academic reading and language skills necessary for success in the academic environment. Under the close supervision of the instructor and using the workshop method, students will refine their reading, vocabulary, and sentence skills while producing a portfolio of multi-paragraph writings that demonstrates their ability to summarize, paraphrase, synthesize, analyze, and evaluate information and ideas taken from a variety of sources. Exit exam required. This course meets 20 hours per week. Credit earned cannot be used for graduation. Prerequisite: TOEFL 520 or a score of less than 80 on the Accuplacer reading exam or a score of less than 6 on the Accuplacer essay exam.

ENGL 101 Critical Reading and Writing (3) [E]

This course focuses on writing and reading for various academic and public purposes and audiences. Students will develop analytical, critical, and argumentative thinking, reading, and writing abilities, and will be introduced to research practices. Prerequisites: Score of 80 or higher on the Accuplacer

reading exam and a score of 6 or higher on the Accuplacer essay exam OR a grade of C or better in ENGL 099 OR IENG 030/031.

ENGL 102 Writing & Information Literacy (3) [E]

This course introduces students to the academic, intellectual, and public activities of research. Through a focus on research as a process of inquiry generated by particular purposes, audiences, and contexts, students will develop a more complex understanding of multiple research processes and genres. Students will formulate their own critical analysis of and response to a range of academic and public issues. Students will develop and conduct an extended research inquiry. The primary aim of this course is to develop students' critical and information literacy. Prerequisite: ENGL 101

ENGL 108 Public Speaking (3) [C]

This course focuses on the principles of public speaking in large and small group environments with emphasis on audience analysis, research and evidence, reasoning, rhetoric, organization and delivery. Through analyzing professional speeches and their effectiveness, the student practices the more common speech types: informative, persuasive, special occasion and impromptu.

ENGL 201 World Literatures in Translation I (3) [H]

This course focuses on world literatures written in languages other than English from antiquity to the 15th century. The course may include works such as *The Epic of Gilgamesh*, *Homer's Odyssey*, *The Thousand and One Nights*, or Murasaki Shikibu's *The Tale of Genji*. Prerequisite: ENGL 101.

ENGL 203 World Literatures in Translation II (3) [H]

This course focuses on world literatures written in languages other than English from the 16th century to the present. The course may include works such as Cervantes' *Don Quixote*, Cao Xueqin's *Deam of the Red Chamber*, Tolstoy's *The Death of Ivan Ilyich*, or Naguib Mahfouz's *Midaq Alley*. Prerequisite: ENGL 101.

ENGL 207 Oratory and Rhetoric (3) [H]

A study of rhetoric from its European roots in the literatures of the classical world to its many variations over time and culture. Central to the course will be the role of rhetoric and oratory in determining the way in which discourse is constructed to achieve specific ends. Prerequisites: ENGL 101.

ENGL 211 World Literatures in English I (3) [H]

This course will examine the body of literatures written in English, including and going beyond the British and American canons, in order to ground the study of these canons in the context of a world Anglophone literature. This course will begin with the Middle Ages and progress through the late 18th century, including early Anglophone writings from various regions of the world. This course often includes works such as Chaucer's *The Canterbury Tales*, Milton's *Paradise Lost*, and Swift's *Gulliver's Travels*. Prerequisite ENGL 101.

ENGL 212 World Literature in English II (3) [H]

This course will examine the body of literatures written in English, including and going beyond the British and American canons, in order to ground the study of these canons in the context of a world Anglophone literature. This course will cover material from the early 19th century to the current day, and include literary works such as Conrad's *Heart of Darkness*, Achebe's *Things Fall Apart*, and Joyce's *The Dubliners*. Prerequisite ENGL 101.

ENGL 300 History of English Language (3) [H]

The structure of present day English is radically different from that of Old and Middle English. This course explores the stages through which the English language has evolved to reach its present

form. This course will also examine the structure and social meanings of colonial varieties of English. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 301 Literature and Film (3) [H]

This course will involve viewing a variety of films and critical responses to those films. Students will demonstrate in their own written and oral responses to film their ability to use effectively the critical language and methodology of professional film criticism in its varied aesthetic, historical and ideological forms. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 303 English Poetry and Prose: 1500-1660 (3) [H]

Examination of Renaissance poetry and prose, not including Shakespeare; Renaissance literature and its impact on the “modern world.” Review and evaluation of the works of Sidney, More, Bacon, Marlowe, Johnson, Donne, and Milton. Also includes selections from the King James Bible for students of literature. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 304 English Poetry and Prose: 1660-1800 (3) [H]

The English Enlightenment; the Restoration and the Age of Reason figures including Dryden, Swift, Pope and Johnson. The rise of technology and technological culture and the impact of science and scientific methodology on Enlightenment literature. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 305 Professional Writing and Communication (3) [H]

This course explores professional approaches to communication in today’s global business environment. It also focuses on principles and practices needed for effective internal and external business communication (memos, letters, reports, proposals and presentations). Students learn to write successful business reports and communications. Also, students evaluate case studies in business and use appropriate style-guides to document sources. {Cross-listed with MGMT 305}. Prerequisite: ENGL 102.

ENGL 307 Shakespeare (3) [H]

An introduction to Shakespeare: intensive study of selected comedies, tragedies, history plays, and Shakespeare’s poetry. Works are discussed in their socio-historical context. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 308 Early American Literature (3) [H]

A historical study of American literary forms and intellectual life, writers and their contributions from the Seventeenth Century world of the Puritans to the work of the early Transcendentalists in the Nineteenth Century. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101

ENGL 309 19th Century British Literature (3) [H]

This course will examine major British literary texts from the Romantic and Victorian eras, including poetry and prose by Wordsworth, Shelley, Byron, Coleridge, Keats, Mary Shelley, Wollstonecraft, Ruskin, Eliot, Austen, Wilde, Tennyson, the Brontës, Dickens, Arnold, Hemans, Browning, Mill, and Carlyle. The course presents the relationship between each author’s works and various historical and cultural developments, such as the industrial revolution and colonialism. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101

ENGL 310 19th Century American Literature (3) [H]

This course will examine major American literary texts written by American writers of the nineteenth century, including poetry and prose by Emerson, Poe, Dickinson, Thoreau, Stowe, Melville, Chopin, Whitman, Cooper, Douglass, Jacobs, Twain, Hawthorne, and other writers concerned with issues of

gender, race, and social justice. The course presents the relationship between each author and his/her works and various historical and cultural developments, such as the Civil War and Abolition and Suffrage. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 311 English Novel (3) [H]

An examination of representative English novels from the beginning up to the Nineteenth Century. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 312 American Novel (3) [H]

An examination of representative American novels from the beginning up to the Nineteenth Century. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 314 Modernism/ Postmodernism (3) [H]

This course investigates the trends in the intellectual and aesthetic movements that inform twentieth century Western ideas about art. Rejecting many 19th century standards, modernist figures such as Woolf, Joyce, Stein, Eliot, Pound, Mallarme, Kafka, Stevens helped radically redefine literature and culture. Students will look at various modernist trends such as emphasis on impressionism and subjectivity, blurring of distinctions between genres, tendency toward fragmented forms, discontinuous narratives, etc., and will trace the continuation and/ or rejection of these early twentieth century trends in postmodernism. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101

ENGL 315 20th Century American Literature (3) [H]

Examines the major trends in 20th century U.S. Literature. Students may study artistic movements such as Naturalism, the Beats, the Harlem Renaissance, Lost Generation, and New Journalism, as well as literary responses to major historical events, such as the Great Depression, WW I and II, the Vietnam War, and major social movements of the second half of the century. Sophomore class standing or Permission of Instructor. Prerequisite ENGL101.

ENGL 319 Women and Literature (3) [H]

An examination of representations of women and womanhood over time and the way in which those representations are culturally constructed. The course will also offer an introduction to feminist theory and examine the resistant discourses of women writers. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 343 Poetry and Poetics (3) [H]

This course offers a comprehensive study of poetry as a genre and introduces the art of poetics. The course will explore various visual, rhythmic and performance aspects of poetry while covering a wide range of poets, styles, traditions, forms and subgenres. Prerequisite: ENGL 101.

ENGL 345 Creative Writing (3) [H]

The craft and practice of creative writing (short fiction and poetry) involving extensive writing throughout the semester. The course includes regular examination of professional models and the writing generated and revised by students. In addition, students will actively be involved in developing AUK's Arts and Literary Journal. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 349 Literature in Translation (3) [H]

The course is an aesthetic and cultural evaluation of a specific non-English literature in translation (i.e., Arabic, French, German, Spanish, etc.). Poetry and fiction of non-English authors will be studied. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101

- ENGL 355 Contemporary World Literature (3) [H]**
An exploration of the ways contemporary literature responds to the complex reality of our world; modernist and postmodernist fiction from a variety of national literatures; examples from Robbe-Grillet, Lessing, Boll, Mann, Duras, Morrison, Walker, Kundera, Atwood, Munro, Coetzee, Achebe, Eco and Garcia Marquez. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101
- ENGL 369 Short Course (1 - 3)**
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- ENGL 375 Rhetorics of Cultural Dissonance (3) [H]**
This course examines the ways in which language creates, reflects, and transforms cultural identity and beliefs and, consequently, our understanding of local and global relations of power. Through analyses of the various expressive contexts from which ideas about identity and culture emerge, students will develop a greater understanding of the origins and contemporary manifestations of conflict between and within “East” and “West” and “North” and “South.” Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101. [Cross-listed with COMM 375].
- ENGL 376 Language in the Arab World (3) [H], [K]**
This course introduces students to the sociocultural, political, and educational dimensions of language in the Arab World. The course covers the historical and current sociopolitical contexts of Arabic in relation to French and Berber in countries such as Morocco and Algeria. It explores the widespread use of English in the Arab World and the consequences it might have on the Arabic language. The course will also study the official and non official use of languages of non-Arab immigrants in the Gulf. Prerequisite: ENGL 101.
- ENGL 378 English and Globalization (3) [H]**
This course explores social, political, linguistic and educational issues related to the spread of English in the world. In addition to colonialism, the course examines the role of globalization in the emergence of English as an international language. The course also focuses on the variation in the structure of different varieties of English. Prerequisite: ENGL 101.
- ENGL 388 Independent Study (1 - 3)**
Permission of Instructor. Can be repeated for credit with different topic.
- ENGL 389 Special Topics (3)**
Permission of Instructor. Can be repeated for credit with different topic. Prerequisite: ENGL 101.
- ENGL 400 Seminar in British Authors (3)**
An in-depth study of the work of a significant British writer, or a small group of British writers. It will include the writer’s context, approach, and contributions to literature and society. Junior class standing or Permission of Instructor. Prerequisite: ENGL 101.
- ENGL 401 Seminar in American Authors (3)**
An in-depth study of work of a significant American author, or a small group of American writers. It will include the author’s context, approach, and contributions to literature and society. Junior class standing or Permission of Instructor. Prerequisite: ENGL 101.
- ENGL 402 History of Theater and Drama (3)**
A comparative study of major works in theatre and of theories of drama and performance from Ancient Greece and the Near East to the modern period. Special attention will be given to works representative to distinct periods and schools of theatre and drama. Junior class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 403 Modern Drama (3)

This course extends the subject matter of ENGL 402 into the 20th century by focusing both on major dramatists but also tracing the development of national and regional dramas. Special attention will be paid to transformations of classical conventions of character, plot and audience as well as a broadening of subject matter and use of a variety of vernaculars. Junior class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 405 Postcolonial Literature (3)

In this course students will read and discuss novels, short stories, poetry, and essays from former British colonies in Asia, Africa, and the Caribbean, as well as from the postcolonial Diasporas. Emphasis will be placed on the common experience of a postcolonial condition across various regions, with one of the primary themes being “Orientalism” or the image of the West in representative texts. Junior class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 406 Ethnic American Literature (3)

This course emphasizes the critical study of literature written by diverse ethnic American authors from colonial to contemporary times. It includes works by African-, Arab-, Asian-, European-, Hispanic-, and Native Americans. Junior class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 415 Literary Theory and Criticism (3)

An introduction to central issues in Literary Criticism; the concept of literature, the relationship of literature to criticism, and the establishment of literary canons; key schools of criticism, including formalism, structuralism, post, post- structuralism, deconstruction and reception theory, and post-colonialism and their respective historical contexts; required of Literature Majors. Junior class standing or Permission of Instructor. Prerequisite: ENGL 101.

ENGL 470 Internship in English (1 - 6)

An Internship experience with the requirement that the student write a report summarizing what the internship job added to his to her knowledge of English Language and Literature. Students are limited to a maximum of 6 internship credit hours. Junior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.0.

ENGL 485 Senior Thesis (3)

English Majors apply their writing abilities, research skills, and knowledge in an independent study project. Students who select this course may have “Honor Thesis” reflected on their transcripts upon successful completion and defense of their thesis. Senior class standing and Permission of Instructor.

ENTREPRENEURSHIP STUDIES (ENTR)**ENTR 201 Principles of Entrepreneurship (3)**

The philosophy, motivation and characteristics of entrepreneurship. Social, psychological, economic, and business factors in the success and failure of entrepreneurship; the entrepreneur; identifying and evaluating entrepreneurial opportunities; planning and developing a new business venture; managing the new venture; applications to creation and management of stand-alone ventures and those developed within corporations. Prerequisite MGMT 201

ENTR 301 Intermediate Entrepreneurship (3)

Study of the nature and special conditions related to proprietorships, partnerships and small business enterprises. Sophomore class standing or Permission of Instructor. Prerequisite: ENTR 201.

ENTR 369 Short Course (1 - 3)
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

ENTR 388 Independent Study (1 - 3)
 Permission of Instructor. Can be repeated for credit with different topic. Prerequisite: ENGL 305 or MGMT 305.

ENTR 389 Special Topics (3)
 Permission of Instructor. Can be repeated for credit with different topic.

ENTR 470 Internship in Entrepreneurship (1 - 3)
 An Internship experience with the requirement that the student write a report summarizing what the internship job added to his or her knowledge of entrepreneurship and related fields. Students are limited to a maximum of 3 internship credit hours for any major and 6 credit hours overall. Senior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisites: ENTR 201 and a Minimum Grade Point Average of 2.25.

ENVIRONMENTAL STUDIES (ENVS)

ENVS 215 Environmental Data Analysis (3) [P]
 This course will introduce students to statistics, data analysis, and probability to be able to evaluate and interpret environmental data. Topics will include: Statistics and data analysis; Frequency tables, bar charts, mean, standard deviation, and skewness; Linear regression; and Probability. Prerequisite: MATH 095.

ENVS 220 Energy and the Environment (3) [P]
 Study of key physics principles as related to environmental issues, including: Energy forms; Energy recourses and conversions; Past and present patterns of energy use; Projection of future demand and supplies of energy; Role and method of physics in fostering rational evaluations of environmental problems and in searching for potential solutions; Resources and technologies of future energy alternatives. Prerequisite: PHYS 101 or PHYS 105.

ENVS 230 Environmental Geology (3) [P]
 Fundamental earth science concepts are used to assess the impact of increasing global population and development on earth's natural resources and also examine how natural processes affect human activities. Topics include volcanic eruptions, earthquakes, flooding, tsunamis, soil erosion, landslides, stream flooding, and rock-falls.

ENVS 305 Environmental Health (3) [P]
 An overview of environmental issues affecting human health and survival. Students will be introduced to biological and chemical toxins in the general environment, environmental epidemiology, and relevant environmental regulations. Attention will be paid to environmental issues at home, in work settings, the community, and in the global context. Sophomore class standing or Permission of Instructor. Prerequisite: BIOL 105.

ENVS 310 Environmental Ethics (3) [P]
 This course examines normative issues in the study of the environment. Students will learn basic ethical concepts and theories and how to apply them to specific environmental concerns. Students will be asked to develop arguments to defend their own respective views regarding the environment and to develop viewpoints reflecting thoughtful and scholarly consideration of human duties, both individual and social, to the environment. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101. [Cross-listed with PHIL 310].

- ENVS 320 Global Environmental Policy (3) [P]**
 A course that seeks to provide a broad overview of the key concepts, actors, and issues related to global environmental policy. This course outlines the evolution of environmental policy in facing global environmental challenges and how such policies have become inherently intertwined with government policy and business practice. Junior or Senior class standing.
- ENVS 369 Short Course (1 - 3)**
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- ENVS 388 Independent Study (1 - 4)**
 Permission of Instructor. Can be repeated for credit with different topic.
- ENVS 389 Special Topics (3)**
 Permission of Instructor. Can be repeated for credit with different topic.

FINANCE (FINC)

- FINC 207 Personal Finance (3)**
 This is a course in personal investing for non-finance majors. This course will not count for credit towards a major in finance. It will cover money markets, mutual funds, and diversification.
- FINC 332 Financial Management (3)**
 Financial statement analysis, pro forma financial statements, time value of money, discounted cash flow, stock and bond valuation, net present value. Sophomore class standing or Permission of Instructor. Prerequisites: MATH 103 or MATH 110 or MATH 201, and ENGL 102 and ACCT 201.
- FINC 341 Corporate Finance (3)**
 Capital asset pricing model, cost of capital, capital structure and dividend policy. Sophomore class standing or Permission of Instructor. Prerequisites: ACCT 205.
- FINC 343 Financial Services Management (3)**
 The course will focus on operations in financial services management including applications of competitive strategies and explorations of opportunities in various financial services sectors including banking, insurance, and personal finance planning. The course will also examine this sector in the context of the Kuwait financial services companies. Sophomore class standing or Permission of Instructor. Prerequisites: FINC 332 and FINC 341.
- FINC 345 Investment and Securities Analysis (3)**
 This course will focus on the financial theories and empirical evidence useful for investment decisions based on risk and returns. It covers optimal portfolio choice, asset pricing models, fixed-income securities, funds performance measurement, and a brief introduction to behavioral finance which studies how investor psychology may affect their investment decisions and asset prices in the market. Sophomore class standing or Permission of Instructor. Prerequisites: FINC 332 and FINC 341.
- FINC 355 Financial Markets and Institutions in Kuwait and the Gulf (3)**
 Organization of short-term money markets and long-term capital markets and institutions; investment instruments; investment constraints; resulting portfolios. Sophomore class standing or Permission of Instructor. Prerequisite: FINC 341.

FINC 365 International Finance (3)
Foreign Affairs, global capital markets, and international corporate finance. Sophomore class standing or Permission of Instructor. Prerequisite: FINC 341

FINC 369 Short Course (1 - 3)
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

FINC 388 Independent Study (1 - 3)
Permission of Instructor. Can be repeated for credit with different topic. Prerequisite: ENGL 305 or MGMT 305.

FINC 389 Special Topics (3)
An analysis of contemporary issues in Finance. Permission of Instructor. Can be repeated for credit with different topic.

FINC 413 Finance Capstone (3)
A capstone course designed for a student's last semester in the university which may include analyses of cases, more in-depth study of specialized topics, current events in finance, financial analysis, and/or financial institutions. Senior class standing. Prerequisite: FINC 345 and FINC 355 and ENGL 305 or MGMT 305.

FINC 445 Portfolio Management (3)
This course develops modern portfolio theory and applies it to pricing both individual assets and portfolios of assets. Topics include the Markowitz portfolio selection model, the capital asset pricing model, arbitrage pricing theory, options. Futures. bonds, portfolio performance measurement, and issues of market efficiency. Senior class standing. Prerequisites: FINC 332 and FINC 341 and FINC 345 and ENGL 305 or MGMT 305.

FINC 470 Internship in Finance (1 - 3)
An Internship experience with the requirement that the student write a report summarizing what the internship job added to his or her knowledge of finance and related fields. Students are limited to a maximum of 3 internship credit hours. Senior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.25.

FRENCH (FRNC)

FRNC 101 Introduction to French I (3) [H]
The objective of this course is to provide students with necessary skills and confidence to cope with everyday situations. The focus will be both on oral and written communication. Through extensive use of audio material, the course provides training and practice in all the language skills, with an initial emphasis on listening and speaking. The class is conducted almost entirely in French.

FRNC 102 Introduction to French II (3) [H]
This course continues to reinforce communication skills with more emphasis placed on reading and writing texts. It will develop the ability to communicate with accurate pronunciation and intonation. Students will be exposed to French culture with the use of video and other authentic material. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisites: FRNC 101 or Permission of Instructor.

- FRNC 201 Intermediate French (3) [H]**
 This course focuses on active communication skills, while working on spontaneous conversations related to daily-life topics. More emphasis is placed on writing and using a variety of formats with increasing control of grammar. Students will perfect their knowledge of French society through reading newspaper articles and literary texts. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisites: FRNC 102 or Permission of Instructor.
- FRNC 333 Language and Civilization (3) [H]**
 An advanced language course that improves student's oral, reading, and writing skills through an examination of French society. Themes covered include family, education, arts, gastronomy, politics, and immigration. Class discussions will be based on literary readings, articles from French newspapers internet materials, songs, a selection of French films, and field trips. Sophomore class standing and Permission of Instructor.
- FRNC 369 Short Course (1 - 3)**
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- FRNC 388 Independent Study (1 - 3)**
 Permission of Instructor. Can be repeated for credit with different topic.
- FRNC 389 Special Topics (3)**
 Permission of Instructor. Can be repeated for credit with different topic.
- FRNC 399 French Study Abroad (1 - 3)**
 Intensive French language course designed to increase proficiency in language skills and provide cultural awareness. Schedule varies each semester. Sophomore class standing and Permission of Instructor.

GRAPHIC DESIGN (GDES)

- GDES 102 Creative Visualization (3)**
 This introductory studio course teaches students the creative skills they need to visually communicate ideas. Students will learn how to deal with spatial relationships between images and words, unlock and decode ideas, as well as how to research, brainstorm, edit and enhance their creative thoughts.
- GDES 110 Digital Foundations (3)**
 This course introduces students to fundamental principles and applications of design, emphasizing critical and cultural awareness of design issues and developing of technical skills. The notion of creative problem solving is particularly emphasized. Students develop expertise in major industry standard software packages. This course lays the foundation for further study of design. [Cross-listed with COMM 110]. A lab fee may be required.
- GDES 115 Color Theory (3)**
 This is an introductory studio course devoted to the development of the perception of color and its use as a tool for artists and designers. The exercises test the appearance of color relationships in complex structures, dealing with meaning and examining the appropriate use of color in the context of design problems. [Cross-listed with ART 115]
- GDES 204 Digital Photography (3)**
 This course provides an introduction to digital photography and digital camera operations, covering lighting, composition, exposure and the fundamentals of traditional photographic concepts. Students

- GDES 337 Environmental Design (3)**
A studio course that explores wayfinding, storytelling, exhibit and information design in built and natural environments. Students will learn how to use the blend of two and three-dimensional design to move people and/or vehicles through spaces. Projects may include the study of zoos, museums, sport complexes, hospitals, or airports. Junior standing. Prerequisite: GDES 320.
- GDES 342 Digital Imaging II (3)**
Inspiration and storyboard are challenged to push the envelope of the traditional parameters expected during Image Production. The students blend different styles to produce aesthetically sound pieces. Different Image tracks may be chosen to focus on for the majority of the semester. Prerequisite: GDES 242. A lab fee may be required.
- GDES 351 Web Design (3)**
This course explores the process of designing and building web sites, as well as creating graphics, animations and rich content for the web. It also incorporates lectures relating to Internet issues and the different web-based media forms being utilized those days. Prerequisites: GDES 242 or Permission of instructor.
- GDES 369 Short Course (1 - 3)**
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- GDES 388 Independent Study (1 - 3)**
Permission of Instructor. Can be repeated for credit with different topic.
- GDES 389 Special Topics (3)**
Permission of Instructor. Can be repeated for credit with different topic.
- GDES 404 Professional Practice (3)**
The course is designed to prepare students for professional practice in graphic design. It is a guide to business aspects of design including best practices in business processes, self-promotion, negotiation and pricing, ethical standards and the designer's responsibility of practice. Senior class standing.
- GDES 420 Graphic Design III (3)**
This advance course further investigates system design, research analysis and development of a brand. Students will work in a collaborative environment, in an intense investigation of visual communication, critique session, group discussions, presentations and field trips. This is a studio course. Senior class standing. Prerequisite: GDES 320.
- GDES 421 Typography III (3)**
This advance course further investigates typographic form, history, hierarchy, context and sequence of information using image and type relationships. Lectures, critiques and individual in-class explorations are used to further these ideas. This is a studio course, Senior class standing. Prerequisite: GDES 321.
- GDES 452 3D Modeling and Animation (3)**
This course will introduce principles and techniques used for creating three-dimensional content in virtual space. Students will learn principles of model creation, texture manipulation, scene rendering and animation to enable them to conceptualize and produce meaningful and artistic visualizations. The class will also explore the implications of the work produced as students engage in mutual critique. Junior Standing. A lab fee may be required.

GDES 453 Motion Graphics (3)

In this advance level course, students experiment their learning outcomes on form and content through manipulation of movement, time, sequence and sounds. Students will learn and create visual effects, wide range of application in broadcast, film and video based communication. This is a studio course. Junior standing. Prerequisite: GDES 242.

GDES 470 Internship in Graphic Design (1 - 3)

An Internship experience with the requirement that the student write a report summarizing what the internship job added to his to her knowledge of Graphic Design. Students are limited to a maximum of 6 internship credit hours. Junior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade point Average of 2.0.

GDES 490 Capstone (3)

The Capstone course is designed to teach GDES students how to visualize the complex intersection between personal voice, conceptual understanding, and the use of research for a graphic design exhibition. The course is largely self-directed and students are expected to select and investigate a topic using design as a means to present their findings. Senior class Standing or permission of Instructor.

HEALTH AND FITNESS (HFIT)**HFIT 101 Health and Fitness for Life (1) [F]**

An introduction to the physiological, social, and psychological factors in life-long health and fitness; self-responsibility for total wellness. Introduction to wellness concerns such issues as disease prevention, stress management and behavioral and mental health.

HFIT 103 Nutrition and Health (3) [F]

An analysis of the role and value of nutrition in maintaining health, mental health, and physical fitness; diet and nutrition; special needs of overweight and underweight individuals; food mythologies.

HFIT 110 Physical Activity (1) [F]

This course offers students an opportunity to participate in physical activities/sports such as aerobics, yoga, basketball, soccer, volleyball or other physical activities.

HFIT 369 Short Course (1 - 3)

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

HFIT 388 Independent Study (1 - 3)

Permission of Instructor. Can be repeated for credit with different topic.

HFIT 389 Special Topics (3)

Permission of Instructor. Can be repeated for credit with different topic.

HISTORY (HIST)**HIST 105 World History Since 1900 (3) [S]**

May include but not limited to the following interpretations for understanding the modern world: Late Nineteenth Century political and economic history; the history of world warfare and revolution; the history of women; global society during the Cold War; de-colonization and history “from below; and the oral history of the recent past.

- HIST 110** **Twentieth Century Middle East** **(3) [S]**
 The course concentrates on ideologies and practices of colonial control, on local resistance and collaboration as defined by the emergence of new social classes and political movements, and on the definition of state and nation-building in the post colonial era. Topics include the 1950s, the Arab-Israeli conflict, the Iranian Revolution, and the Gulf Wars.
- HIST 201** **History and Politics of Kuwait** **(3) [S]**
 An introduction to the contemporary political, economic and social history of Kuwait.
- HIST 221** **Survey of Gulf History** **(3) [S]**
 A historical understanding of the Arab Gulf, it examines key issues in the politics and society of the region before the discovery of oil and focuses on different processes of state formation. It is designed to highlight the multi-faceted nature of Gulf politics, and to provide a continuity / change perspective on themes of regional unity versus political fragmentation.
- HIST 289** **Topics in World History** **(3) [S]**
 The rise and development of the modern world from various eighteenth and nineteenth century perspectives, including that of the French Revolution in the West, independence in the Americas, colonialism in Africa and India, the decay of the Ottoman Empire in the Near East, and the Opium War in China. Sophomore class standing.
- HIST 303** **Ancient History** **(3) [S]**
 Comparative examination of the rise and fall, social, political, and cultural influence of Greek and Hellenistic, Indian, Classical Roman, Han, and pre-Colombian American civilizations. Sophomore class standing or Permission of Instructor. Prerequisites: Any 100 or 200 - level HIST course, or AMST 121 or INST 204 or 205.
- HIST 305** **History of Islamic World: 1622-1800** **(3) [S]**
 Survey of Islamic history from the time of the Prophet Mohammad to 1800. Includes political, social and intellectual history. An introduction to the fundamental doctrines of Islam; Islamic institutions; classical and medieval Arab-Islamic history; major themes and disciplines that have informed the writing of Arab-Islamic history and their relation to Islamic law, theology, politics, ethics and science; selections from important and influential historians and historiographers. Sophomore class standing or Permission of Instructor. Prerequisites: Any 100 or 200 - level HIST course, or AMST 121 or INST 204 or 205.
- HIST 307** **Arab History in the Late Ottoman Period: 1800-1922** **(3) [S]**
 History of the Arab World in the late Ottoman period until the Great Arab Revolt. Includes European intervention in Arab domains of the Ottoman Empire. Major doctrines and ideologies of modern Islamic and Arab thought are outlined; intellectual history of Arab-Islamic writers; writings on history, Islam, Arabism and Arab nationalism of well-known historians and intellectuals that have contributed and shaped modern Islamic and Arab thought are required reading. Transformation of Arab societies as a result of integration into European capitalism. Sophomore class standing or Permission of Instructor. Prerequisites: Any 100 or 200 - level HIST course, or AMST 121 or INST 204 or 205.
- HIST 311** **Ottoman History** **(3) [S]**
 Survey of Ottoman History with emphasis on the Nineteenth and early Twentieth Centuries. European imperialism and Ottoman responses to European encroachment and intervention; Ottoman Reforms; Ottoman and Turkish nationalism. Sophomore class standing or Permission of Instructor. Prerequisites: Any 100 or 200 - level HIST course, or AMST 121 or INST 204 or 205.

INST 386 Prospectives on US Foreign Policy in the Middle East (3)

This course explores the major debates, both theoretical and applied that frame contemporary discussion about American foreign policy in the Middle East and illuminates the perspectives of different focal actors and institutions including: the presidency, government agencies, legislators, interest groups, the mass public and the media. It examines the interplay between policy development and institutions, and reviews normative and empirical models of American Foreign Policy. Course work is enriched with the Soliya Connect Program and accordingly it will run as a senior seminar. Prerequisite: Senior standing or permission of the Instructor.

INST 388 Independent Study (1 - 3)

Senior class standing or Permission of Instructor. Can be repeated for credit with different topic.

INST 389 Special Topics (3)

Sophomore, Junior or Senior class standing. Can be repeated for credit with different topic.

INST 400 Colonialism (3)

A comparative analysis of colonialism, its rise, justification, dynamics, and consequences on the colonized societies and the colonial powers. Issues of post-colonial problems including nation building, economic development, political stability, democracy and civil rights. Junior class standing or Permission of Instructor. Prerequisite: INST 101.

INST 405 Comparative Economic and Political Systems (3)

A theoretical and historical evaluation of different economic and political systems, planning strategies, and their effects on economic growth, democracy, equity, and effectiveness. The course examines the historical experience of political and economic institutional arrangements in formerly socialist societies, European countries, and nation-states in the Middle East. Junior class standing or Permission of Instructor. Prerequisite: PLSC 200.

INST 412 Sustainable Development (3)

The problem of sustainable development. A survey of development models and practices; assessment of development practices in the Third World in the last three decades; new theories for sustainability of social, economic, and political development. Junior class standing or Permission of Instructor. Prerequisites: INST 101 and ECON 409.

INST 470 Internship in International Studies (1 - 3)

An Internship experience with the requirement that the student write a report summarizing what the internship job added to his to her knowledge of International Studies. Students are limited to a maximum of 6 internship credit hours. Junior class standing and Permission of Instructor. Prerequisite: A Minimum Grade point Average of 2.0.

INST 484 Islamic Militant Movements (3)

This course examines Islamic resurgence in modern society with special emphasis on theories of crisis conditions, Islamic ideology and practice, trans-national and global Islamists networks. In its militant and terrorist forms, current Islamic movements and societies, particularly those in the Arab world will be used as case studies. Senior standing or permission of the Instructor.

INST 485 Seminar in International Studies (3)

A senior seminar that examines selected critical issues in the field of International Studies. Prerequisite: Declared Junior and Senior majors in the International Studies Program.

MANAGEMENT (MGMT)

- MGMT 201 Principles of Management (3)**
 Surveys of current management theories, research, and practice. Course content is a synthesis of behavioral sciences concepts that provide the basic framework for the practice of management. Topics include organizational goals and responsibilities, organizational control, decision making theory, planning, leadership, motivation, small group behavior, conflict and organizational development and change. Prerequisites: ENGL 102 and MATH 103 or MATH 110
- MGMT 205 HR Administration & Development (3)**
 This course examines theories and practices of human resources management in local, regional, and global contexts. The course focuses on key aspects of human resources, planning, and their implications on public policy. It also studies major models that shape human resources development. [Cross-listed with PLSC 205].
- MGMT 210 Research Methods for Business (3)**
 This course explains and describes the different aspects and stages of conducting business research. It presents the various analytical frameworks and methodological tools used for this purpose with emphasis on empirical approach, data collection, and analysis. Prerequisite: STAT 201.
- MGMT 301 Leading Organizational Change (3)**
 An analysis of the key components necessary to effect organizational change including establishing vision, creating and motivating the team, creating a process and strategy to guide change, empowering others to take action, celebrating short-term and long-term accomplishments, and institutionalizing outcomes into standard operating procedures through effective knowledge management. Sophomore class standing or Permission of Instructor. Prerequisite: MGMT 201.
- MGMT 303 Management and Leadership Development (3)**
 Develops the management leadership and organization perspectives essential to the success of small to large businesses and individual managers. Development of management and organization leadership, creativity and innovation are stressed. Enhancing the manager's communication and negotiation skills is a critical dimension to developing effective managers. Developing an understanding of management philosophy and values and their practical impacts on managing a business is stressed. Sophomore class standing or Permission of Instructor. Prerequisite: MGMT 201.
- MGMT 305 Professional Writing and Communication (3)**
 This course explores professional approaches to communication in today's global business environment. It also focuses on principles and practices needed for effective internal and external business communication (memos, letters, reports, proposals and presentations). Students learn to write successful business reports and communications. Also, students evaluate case studies in business and use appropriate style-guides to document sources. {Cross-listed with ENGL 305}. Prerequisite: ENGL 102.
- MGMT 315 Decision Making in Management (3)**
 The study of individual and group decision making in the organization. The process of arriving at a judgment based upon the feedback of multiple individuals and teams. Includes the use of decision making models and matrixes. Sophomore class standing or Permission of Instructor. Prerequisite: MGMT 201.
- MGMT 321 International Business Management (3)**
 Analysis of the structure and scope of international trade and investment including currency exchange markets and documentary credits. Sophomore class standing or Permission of Instructor. Prerequisite: MGMT 201.

MGMT 333 Organizational Behavior (3)

This course studies human capital management. The course offers a synthesis of behavioral science theories providing a broad framework for understanding the motivation, planning, and control of business' most important assets. Sophomore class standing or Permission of Instructor. Prerequisite: MGMT 201. [Cross-listed with PLSC 333].

MGMT 343 Quantitative Research Methods (3)

Introduction to the scientific method, research design, data gathering, statistical analysis of data; computer applications for business issues; student develops the skills for becoming an active and informed consumer of research methodology and findings. Sophomore class standing or Permission of Instructor. Prerequisite: MATH 103 or MATH 110, and STAT 201.

MGMT 345 Business Operations (3)

Concepts and analytic tools for successful management of production of goods and services: from input of resources to finished goods and services; managing the production process, order fulfillment, inventory, and delivery. Sophomore class standing or Permission of Instructor. Prerequisites: ECON 200 and ECON 201 and MGMT 201.

MGMT 350 Organizational Communication and Leadership (3)

Teaches students the role of communication in creating a productive organizational environment in terms of interpersonal and group behavior. Reviews the theory and practice of team building, conflict resolution and problem solving and explores how communication and organizational cultures relate to each other. Sophomore class standing or Permission of Instructor. Prerequisite: COMM 325 or MGMT 201 [Cross-listed with COMM 350]

MGMT 369 Short Course (1 - 3)

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

MGMT 388 Independent Study (1 - 3)

Permission of Instructor. Can be repeated for credit with different topic. Prerequisite: ENGL 305 or MGMT 305.

MGMT 389 Special Topics (3)

Permission of Instructor. Can be repeated for credit with different topic.

MGMT 413 Management Strategy and international Affairs (3)

This course focuses on the process of applying management concepts and techniques in a multinational, multicultural environment. Along with information technology, international management is the major strategic challenge facing organizations entering the new millennium. Senior class standing. Prerequisites: ECON 200 and ECON 201 and MGMT 201 and ENGL 305 or MGMT 305.

MGMT 470 Internship in Management (1 - 6)

An Internship experience with the requirement that students keep a journal and write a report summarizing what the internship job added to their knowledge of management and related fields. Students are limited to a maximum of 3 internship credit hours for any major and 6 credits overall. Junior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.25.

MARKETING (MRKT)

- MRKT 200 Principles of Marketing (3)**
Introduction to marketing decision making in business and nonprofit organizations. Particular attention is devoted to analysis of customer needs; segmenting markets; and developing product, promotion, pricing and distribution strategies. Relationships between consumers, business and government are explored. Prerequisite: ECON 101 or ECON 200 or ECON 201.
- MRKT 309 Principles of E-Commerce (3)**
Internet marketing; decision making regarding promotion, pricing and distribution strategies via the Internet; product development and e-marketing; electronic markets; Internet purchasing behavior; Internet and e-mail advertising; Web sponsorships; Internet marketing ethics. Case studies of U.S. and Kuwaiti companies that have active Internet presence. Sophomore class standing or Permission of Instructor. Prerequisite: MRKT 200.
- MRKT 329 International Marketing (3)**
Examines theories, practices, and contemporary issues related to global marketing management and the international marketing environment. The course discusses strategic decisions related to international product and policies and examines ethical issues, global marketing organizations, and multi-national economic integration. Applications of global marketing strategies will be discussed through case analysis. Sophomore class standing or Permission of Instructor. Prerequisite: MRKT 200.
- MRKT 349 Consumer Behavior (3)**
The course examines the patterns and factors influencing the consumer and organizational behavior. The course material also includes concepts and findings from behavioral sciences. Analysis includes an integrated model of consumer behavior and the elements that influence decision-making process. Consumer behavior in global markets is also emphasized. Sophomore class standing or Permission of Instructor. Prerequisite: MRKT 200.
- MRKT 355 Promotion and Advertising (3)**
Development of a promotional and advertising campaign for clients; formulation of advertising strategy, targeted audiences and consumer; multimedia campaign planning, campaign execution, and campaign evaluation. Sophomore class standing or Permission of Instructor. Prerequisite: MRKT 200.
- MRKT 369 Short Course (1 - 3)**
Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- MRKT 388 Independent Study (1 - 3)**
Prerequisite: ENGL 305 or MGMT 305. Permission of Instructor. Can be repeated for credit with different topic.
- MRKT 389 Special Topics (3)**
Permission of Instructor. Can be repeated for credit with different topic.
- MRKT 401 Marketing Research (3)**
Applies the scientific investigation in solving marketing problems. Topics include problem/opportunity formulation, determination of objectives, creation of research design, selection of data collection method, data analysis, interpretation of results, report production, and follow-up activities. There is a focus on strategic implications of marketing research and real-life applications through case analysis. Senior class standing. Prerequisites: STAT 201 and MRKT 200 and ENGL 305 or MGMT 305.

MRKT 413 Marketing Capstone (3)
 Methodology of planning and development strategy for marketing consumer products and services; launching a new product or service; interfacing with sales forecasting, test marketing, marketing research, segmentation, positioning, analysis of the competition, research and development and profit. Case studies used. Senior class standing. Prerequisites: MRKT 200 and ENGL 305 or MGMT 305. Capstone Course.

MRKT 415 Supply Chain Management (3)
 Analyzes the various factors involved in designing and managing channels of distribution. The role of various channel members and their behavior, conflicts, cooperation, and motivation will be examined along with marketing logistics such as the impact of distribution policies on costs and customer service. Models and quantitative methods are utilized. Senior class standing. Prerequisite: MRKT 200 and ENGL 305 or MGMT 305.

MRKT 470 Internship in Marketing (1 - 3)
 An Internship experience with the requirement that the student write a report summarizing what the internship job added to his or her knowledge of marketing and related fields. Students are limited to a maximum of 3 internship credit hours for any major and 6 credits overall. Junior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.25.

MATHEMATICS (MATH)

MATH 095 Preparatory Mathematics (3)
 This course is given at the elementary level. It is designed to strengthen a student's existing skills in elementary Algebra and Geometry and to prepare students to study College Algebra, Finite Mathematics, Introduction to Modern Mathematics, Mathematics for Business, and Statistics.

MATH 100 College Algebra (3) [M]
 Intermediate Algebra, review of polynomials and rational expressions, equations and inequalities, graphs, functions and their properties, polynomial (piecewise defined), and exponential and logarithmic functions. Prerequisite: MATH 095 or by Placement Test.

MATH 101 Finite Mathematics (3) [M]
 Review of Algebra, sets, linear equations and nonlinear equations and inequalities, interest, systems of linear equations, functions, graphs and elementary data analysis. Prerequisite: MATH 095 or by Placement Test.

MATH 102 Intro to Modern Mathematics (3) [M]
 A brief survey of several branches of mathematics that have arisen during the past 150 years. Topics are examined so their influence on modern life can be appreciated. They include the mathematics of voting, sharing and apportionment, graph theory, networks and fractal geometry. Prerequisite: MATH 095 or by Placement Test.

MATH 103 Mathematics for Business (3) [M]
 Sets, relations, functions, maxima and minima, sequences, power series; analytical geometry; conics; exponential, logarithmic, and inverse functions; rate of change, the derivative and applications, Taylor approximation, matrix Algebra, and applications. Prerequisite: MATH 095 or by Placement Test.

MATH 110 Pre-Calculus (3) [M]
 Polynomial, rational, exponential, logarithmic, and trigonometric functions and inverses, sequences, series, systems of linear and nonlinear equations and inequalities, complex numbers, vectors,

binomial theorem, mathematical induction, conics, and the use of technology for problem solving. Prerequisite: MATH 100 or by Placement Test.

MATH 201 Calculus I (3) [M]

Functions, limits and continuity, derivatives and applications, Riemann Sums, integration, transcendental functions, and introduction to the use of the computer algebra system Mathematica. Prerequisite: MATH 110 or by Placement Test.

MATH 203 Calculus II (3) [M]

Fundamental integration techniques, numerical integration, applications of integration, improper integrals, differential equations, infinite series, Taylor series, polar and parametric equations, cylindrical and spherical coordinates, and the use of computer package Mathematica. Prerequisite: MATH 201.

MATH 205 Linear Algebra (3) [M]

This is a first course in linear algebra. It is important to Calculus (MATH 206), engineering, and computer science. Topics include systems of linear equations, matrices, Gauss-Jordan elimination, determinants, vectors in two, three, and “n” dimensions, vector spaces, eigenvectors and eigenvalues, linear transformations, inner product spaces, complex vector spaces, and applications to various fields. Prerequisite: MATH 203.

MATH 206 Calculus III (3) [M]

Extends the methods of Calculus 201 and 203 to the representation and study of functions of several variables. Topics include Fourier series, parametric equations, polar coordinates, surfaces in space, quadric surfaces, functions of several variables, limits, continuity, partial derivatives, the chain rules, gradients, directional derivatives, total derivatives, Lagrange multipliers, double integrals, Fubini’s Theorem, triple integrals, cylindrical and spherical coordinates, vector fields, line integrals, Green’s Theorem, curl, divergence, and surface integrals. Prerequisites: MATH 203 and MATH 205.

MATH 210 Differential Equations (3) [M]

Differential equations of first order, applications, singular solutions, linear equations with constant coefficients, miscellaneous methods for equations of higher order, solution in series, total differential equations, qualitative methods, and the use of the computer package Mathematica. Prerequisite: MATH 203.

MATH 213 Discrete Mathematics (3) [M]

Logic of compound and quantified statements, elementary number theory, methods of proof, sequences, mathematical induction, set theory, functions, relations, graphs, and trees. Prerequisite: MATH 110.

MATH 325 Numerical Computing (3)

Introduction to numerical algorithms, root finding, Approximation of functions, collocation, numerical integration and differentiation. Sophomore class standing or Permission of Instructor. Prerequisites: MATH 203 and CSIS 120.

MATH 359 Principles of Operations Research (3)

Linear programming; integer programming, mathematical models, decision trees, network flow problems, graph algorithms, decision analysis, route planning, applications. Sophomore class standing or Permission of Instructor. Prerequisite: MATH 203.

MATH 369 Short Course (1 - 3)

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

MATH 388 Independent Study (1 - 3)

Permission of Instructor. Can be repeated for credit with different topic.

MATH 389 Special Topics (3)

Permission of Instructor. Can be repeated for credit with different topic.

MUSIC (MUSC)**MUSC 101 Music Appreciation (3) [H]**

Chronological study of music styles of the western world, including an introduction to music elements and a review of the lives and works of famous composers.

MUSC 105 Introduction to World Music (3) [H]

An introduction to various music cultures through musical, social, and aesthetic approaches. The cultures featured can vary from semester to semester.

MUSC 110 Applied Lessons (1 - 2) [H]

Private instrument instruction. Attendance is mandatory. Students are required to be evaluated by a jury panel of faculty each semester. Students cannot take more than one section of MUSC 110 per semester. Extra fee per semester. Permission of instructor. May be repeated for credit if previous grade was a "C" or higher.

MUSC 160 Ensemble (3) [H]

Students sing and/or perform musical instruments in a group setting. Permission of Instructor. Can be repeated for credit.

MUSC 165 Percussion Ensemble (3) [H]

An introductory performing percussion ensemble class. Students work on technical and reading skills while rehearsing beginning level repertoire and acquiring crucial experience in the rehearsal/performance processes. The course will culminate with an end-of-semester performance. Prerequisite: Consent of instructor.

MUSC 215 Guitar Class (3) [H]

Development of basic guitar skills, including sight-reading and accompanying. It is recommended that MUSC 220 be taken before or concurrently with MUSC 215.

MUSC 216 Piano Class (2) [H]

A complete orientation to the keyboard for beginning pianists. Students are introduced to proper performance technique, etudes and scales, grand staff reading, sight reading, harmonization, solos and duets, and key signatures. It is recommended that MUSC 220 be taken before or concurrently with MUSC 216.

MUSC 220 Music Theory I (3) [H]

Skill development in the foundations of music. Students learn to read and write music notation, sing from musical scores, and analyze chords, melody, rhythm, and musical form.

MUSC 230 Music Theory II (3) [H]

This course is a continuation of MUSC 220 (Music Theory I). Students gain further understanding of how music is constructed through intermediate analysis of chords, melody, rhythm, musical form, and an examination of analytical techniques. Music Theory II is designed to help students acquire the knowledge and discipline necessary for success as a musician. Prerequisite: MUSC 220 with a grade of C or higher or permission of instructor.

MUSC 369 Short Course (1 - 3)
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

MUSC 370 Music of the Arabian Peninsula (3) [H], [K]
 Examination of music and poetic genres of Kuwait and regions of the Arabian Peninsula including structural analysis and study of the context in which creative forms exist. This course satisfies the General Education Requirement for Arab Culture. Junior class standing and Permission of Instructor. [Cross-listed with SBSA 370].

MUSC 388 Independent Study (1 - 3)
 Permission of Instructor. Can be repeated for credit with different topic.

MUSC 389 Special Topics (3)
 Permission of Instructor. Can be repeated for credit with different topic.

MUSC 399 Music and Culture Study Abroad (1 - 3)
 Introduces students to the dynamics of traditional cultures through ethnomusicological research and observance of live music, dance, and dramatic performances. The close interaction with other cultures enables students to better appreciate societies and sensibilities that may be different from their own. Schedule can vary each semester. Junior class standing and Permission of Instructor. Can be repeated for credit with different topic.

NATURAL SCIENCES (NSCI)

NSCI 100 Natural Sciences Lecture (3) [P]
 This course provides lectures relating to concepts presented in first year courses in Natural Sciences. It is intended for students needing to fulfill the general education requirements in General Sciences. Permission of Instructor.

NSCI 100L Natural Sciences Lab (1) [P]
 This laboratory course provides experiments and exercises relating to concepts presented in first year courses in Natural Sciences. It is intended for students needing to fulfill the general education requirements in General Sciences. Permission of Instructor.

NSCI 369 Short Course (1 - 3)
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

NSCI 388 Independent Study (1 - 4)
 Permission of Instructor. Can be repeated for credit with different topic.

NSCI 389 Special Topics (3)
 Permission of Instructor. Can be repeated for credit with different topic.

PHILOSOPHY (PHIL)

PHIL 100 Critical Reasoning (3) [H]
 Arguments, premises, conclusions, deduction, validity, truth fallacies, categorical logic, Boolean logic, syllogisms, Venn diagrams, symbolic logic, truth tables, and proof.

PHIL 101 Introduction to Philosophy (3) [H]

An introduction to basic doctrines and concepts in philosophy through an analytical reading of selections from the writings of Western philosophers who have had a major impact on the development of philosophical discourse. The course also addresses the relationship of philosophy to the development of other disciplines, such as theology, history, politics, social science, science, and literature. Some of the perennial issues in philosophy are identified and discussed.

PHIL 201 Medieval Arabic Philosophy (3) [H]

Survey of the works of major philosophers in Islam, such as Al-Ghazali, Ibn Rushd, the Sufis, and others. Course will include analysis of their religious and philosophical doctrines.

PHIL 203 Professional Ethics (3) [H]

This course examines ethical debates facing individuals in the professional work-place. This course will examine the ethical nature of various professional relationships, including between employer and employee, client and business, colleagues and issues of transparency. Questions surrounding the duties of report writing, ethical obligations regarding report writing, environmental duties, etc. are also discussed. The objective of the course is to provide students with a critical understanding of the ethical issues in their professional lives.

PHIL 220 Philosophy of Education (3) [H]

This course examines the purpose and method of education. Topics include the nature and meaning of knowledge, purpose of education and the role of various teaching methods in producing knowledge. Students will evaluate historical and contemporary educational theories, as well as formulate and defend their own theories of education. Students will also debate contemporary issues such as the role of technology in the classroom, gender segregation and multicultural education. Figures covered include Plato, Aristotle, Rousseau, Wollstonecraft, Marx, Dewey, Greene and Neill. Pre-requisite: EDUC 100. Co-requisite: ENGL 101

PHIL 240 Philosophy of Women (3) [H]

This course will provide you with a framework for a variety of feminist theories. Our goal is to offer students a broadly based understanding of contemporary feminist theory and a specialized focus on selected issues that inform current theoretical debates in women's studies, feminist political movements, and the politics of everyday life. This course will not only expand student comprehension of different feminist theories,, but it will also improve general theoretical skills: how to read theory, how to use theoretical language, how to write analytically and critically about social and personal issues. Discussed theories will include Wollstonecraft, various suffrage movements, Mill, de Beauvoir, postmodernism, liberal feminism and social feminism, among others. Co-requisite: ENGL 101

PHIL 280 International Ethics (3) [H]

This course raises ethical questions in a global or international context. Questions of cross-cultural, conflicting values are of particular concern in this course. Specific topics may include: the theoretical bases for human rights, ethical questions of social or political identity, individual versus the state, immigration and refugee issues as well as ethical issues surrounding the environment and globalization. The objective of this course is to improve student's critical awareness and reasoning about ethical issues in a global context. Pre-requisite: ENGL 101

PHIL 310 Environmental Ethics (3) [H]

This course examines normative issues in the study of the environment. Students will learn basic ethical concepts and theories and how to apply them to specific environmental concerns. Students will be asked to develop arguments to defend their own respective views regarding the environment and to develop viewpoints reflecting thoughtful and scholarly consideration of human duties, both individual and social, to the environment. Sophomore class standing or Permission of Instructor. Prerequisite: ENGL 101. [Cross-listed with ENVS 310].

PHIL 311 Modern Western Philosophy (3) [H]
 Review of modern Western Philosophy of the Seventeenth, Eighteenth and Nineteenth Centuries. It explores issues of science, politics and culture and the impact of the Industrial Revolution. The course covers philosophy of science, pragmatism, utilitarianism, Darwinism and Marxism. Sophomore class standing or Permission of Instructor. Prerequisite: PHIL 101.

PHIL 322 Western Political Philosophy (3) [H]
 Students will examine historical and contemporary political and social theories. This examination has the objective of increasing students' critical understanding of the theoretical bases for much of today's socio-political structures and beliefs. Historical and contemporary theories include the works of Plato, Aristotle, Hobbes, Locke, Machiavelli, Confucius, Gandhi, Marx, Mill, Rawls and Nozick. Sophomore class standing or Permission of Instructor. Prerequisites: PHIL 101 or previous INST/PLSC and ENGL 101. [Cross-listed with PLSC 322].

PHIL 350 Metaphysics (3) [H]
 Metaphysics is the study of "what is." This course introduces students to major metaphysical theories from the pre-Socratics to contemporary theories. Students will analyze the major metaphysical theories as well as develop their own justifications for their metaphysical beliefs. Topics covered may include: The existence of qualia, mind/body distinction, proofs for the existence of God and the nature of substances. Historical figures covered may include Plato, Aristotle, Aquinas, Descartes, Hume, Kant, Sartre, Quine and Kripke. Sophomore class standing or Permission of Instructor. Prerequisites: Any PHIL course and ENGL 102.

PHIL 369 Short Course (1 - 3)
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

PHIL 388 Independent Study (1 - 3)
 Permission of Instructor. Can be repeated for credit with different topic.

PHIL 389 Special Topics (3)
 Permission of Instructor. Can be repeated for credit with different topic.

PHIL 403 Advanced Business Ethics (3)
 This course examines ethical debates facing individuals working in professional fields. Topics covered may include: ethical treatment of employees by employers, ethical treatment of employer by philanthropic duties in the workplace and ethical duties of businesses to clients and vice versa. This course will also address issues surrounding corporate environmental and social obligations. This course objective is to improve students' critical understanding and ethical decision-making in the workplace. Required for Business Majors. Junior class standing. Prerequisite: MGMT 345 and ENGL 305 or MGMT 305. [Cross-listed with BEAL 403].

PHYSICS (PHYS)

PHYS 101 Introduction to Physics I (4) [P]
 This course is an introductory physics course for non-science majors. The course focuses on basic physics concepts and connections to everyday life in fields of mechanics and thermodynamics. Course topics include motion in one dimension, projectile motion, Newton's Laws of force, work, energy, circular motion, momentum, and heat and thermodynamics. A required laboratory that offers experiments in basic physics concepts is part of this course.

PHYS 102 Introduction to Physics II (4) [P]

This course is an introductory physics course for non-science majors. The course focuses on basic physics concepts and connections to everyday life in fields of electricity, magnetism, and optics. Course topics include electrostatic force and field, electromagnetism, DC and AC circuits, light and optical devices, and mirror and lenses. A required laboratory that offers experiments in basic physics concepts is part of this course.

PHYS 105 Environmental Physics (3) [P]

A one-semester course designed to explore the basic physical principles of light, heat and energy in the natural environment. Several key aspects of physics in the environment will be covered including energy (forms, conservation, sources and use), energy from fossil fuel, heat and the laws of thermodynamics, pollution of the atmosphere, environmental safety of nuclear energy and alternative sources of energy.

PHYS 110 Introduction to Astronomy (3) [P]

This course is a one semester introduction to astronomy. The course describes various important phenomena in astronomy, the physical principles underlying these phenomena, and methods of observing and interpreting them. Course topics include the principles of motion, universal gravitation, orbital motion, the nature of light and the operation of telescopes. Topics in astronomy include stellar astronomy, celestial coordinates, the Solar System, the Sun, the eight planets, and our Galaxy.

PHYS 115 General Physics I (4) [P]

An Introductory calculus based course covering motion in one dimension, projectile motion, Newton's laws of force, concepts of work, energy and momentum, circular motion and rotational dynamics with laws of conservation of energy and angular momentum. A required laboratory that offers experiments in mechanics, momentum, work and energy is part of this course. Prerequisite: MATH 101 or MATH 103 or MATH 110.

PHYS 116 General Physics II (4) [P]

The second semester of calculus-based physics covers electromagnetic wave theory, AC and RC circuits, magnetic theory and applications to magnetic storage devices, electromagnetic induction and optical phenomena with applications to optical devices. A required laboratory is part of this course with experiments in oscillatory motion, electricity, magnetism, and basic optics. Prerequisite: PHYS 115.

PHYS 212 Classical Mechanics (3) [P]

A calculus-based general physics course. Includes kinematics, conservation of momentum, elastic and inelastic collisions, the scalar product, Newton's Law of Gravitation, conservation forces and law, Kepler's Laws, circular motion, equilibrium and elasticity, laws, projectiles, angular momentum, rotational motion, simple harmonic motion, energy, temperature, heat and the first law of thermodynamics, sound and mechanical waves. Prerequisite PHYS 115

PHYS 216 Electricity and Magnetism (3) [P]

An introduction to the basic principles of electricity and magnetism including the contributions of Gauss, Faraday, Ampere, Maxwell, and others; capacitance, dc circuits, magnetic fields; electromagnetic propagation, antenna design, microwaves, radio wave transmission and reception, etc. Prerequisite PHYS 116.

PHYS 312 Modern Physics (3) [P]

An introduction to the history and nature of quantum mechanics; special theory of relativity; basic introduction to nuclear and elementary particle physics; discussion of classical laws, their modification and replacement to account for the behavior of atoms, subatomic particles, and matter at the macroscopic level; lasers, flux quantization. Sophomore class standing or Permission of Instructor. Prerequisite: PHYS 116.

PHYS 369 **Short Course** (1 - 3)
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

PHYS 388 **Independent Study** (1 - 4)
 Permission of Instructor. Can be repeated for credit with different topic.

PHYS 389 **Special Topics** (3)
 Permission of Instructor. Can be repeated for credit with different topic.

PLSC 200 **Intro to Political Science** (3) [S]
 An investigation into the nature of government and politics; exploration of the basic philosophies, principles, and concepts of governance, and of the structures and processes of political systems. Topics include the structure and function of states, forms of government, public administration, the nature and character of domestic, foreign, and national security policy, relations between states, the international system and international organizations.

POLITICAL SCIENCE (PLSC)

PLSC 201 **Intro to Public Administration** (3) [S]
 A course on the nature of public administration. Basic concepts, processes, and approaches in the field of public administration are introduced so that the student will develop a sense of appreciation for the role of public administration in modern society.

PLSC 202 **International Relations** (3) [S]
 An examination of the basic factors and conditions which determine or influence relations among governments and states. Analysis of conflict and cooperation in a rapidly-changing world; impact of non-state actors and international organizations such as the United Nations; determinants of foreign policy; and sources of national economic and political power. Some attention is paid to contemporary developments including the post-Cold War unipolar order.

PLSC 203 **Comparative Politics** (3) [S]
 Analysis of how varied Western and other polities address the enduring problems of order, political responsiveness, political change, and the legitimacy of government structures. The course includes the comparative investigation of the relationships between the individual, social groups, and the state. Issues of individual freedom and collective responsibility are also addressed.

PLSC 204 **International Political Economics** (3) [S]
 An examination of the interaction between politics and economies in international affairs. The course includes the effect of economic conditions on foreign military and security policy, and the impact of foreign and military policies on economic relations. Topics also include imperialism, globalization, regional economic systems and international economic institutions such as the WTO, World Bank and International Monetary Fund. Prerequisite: INST 101 or PLSC 200

PLSC 205 **Human Resources Administration and Development** (3)
 This course examines theories and practices of human resources management in local, regional, and global contexts. The course focuses on key aspects of human resources, planning, and their implications on public policy. It also studies major models that shape human resources development. [Cross-listed with MGMT 205]

PLSC 207 **International Relations of Arab States** (3) [S]
 Historical and contemporary analysis of the foreign policies of Arab States. Intra-Arab state relations; the Arab League; Euro-Arab relations, US-Arab relations, Arab-East Asian relations and Arab-African relations. Prerequisite: INST 101

Machiavelli, Hobbes, Locke, and contemporary political theorists such as Rawls. Sophomore class standing or Permission of Instructor. Prerequisites: PHIL 101 or previous INST/PLSC and ENGL 101. [Cross listed with PHIL 322].

PLSC 327 Ethnic Conflict (3) [S]

Comparative examination of the complex configuration of identity, identity politics, ethnicity, and the role of race, religion, culture and nationalism in ethnic identity, population, migration, and ethnic politics and conflict. The rise of ethnic conflict globally. Sophomore class standing or Permission of Instructor. Prerequisite: PLSC 200.

PLSC 333 Organization Theory (3) [S]

A course that explores the major debates, both theoretical and applied, that frame contemporary discussions about organizing in the public and nonprofit sectors. The course introduces organization theories about public organizations and the basic methods to study organizational behavior in non-private spheres. Sophomore standing or Permission of Instructor. Prerequisite: PLSC 201. [Cross-listed with MGMT 333].

PLSC 334 E-Government (3) [S]

This course explores the impact of information and communication technology on information management, government decision-making and communication, service delivery, and public policy in the public sector. Sophomore class standing or Permission of Instructor. Prerequisite: PLSC 201.

PLSC 335 Current Trends in Public Administration (3) [S]

A course that deals with the contemporary transformation of the public sector and its relationship with government and society. This course evaluates managerialism in the public sector, privatization, and entrepreneurial government. Sophomore class standing or Permission of Instructor. Prerequisite: PLSC 200 or PLSC 201.

PLSC 369 Short Course (1 - 3)

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

PLSC 388 Independent Study (1 - 3)

A research and writing project to be determined in consultation with the Instructor. Senior class standing or Permission of Instructor. Can be repeated for credit with different topic.

PLSC 389 Special Topics (1 - 3)

Senior class standing or Permission of Instructor. Can be repeated for credit.

PSYCHOLOGY (PSYC)

PSYC 101 Introduction to Psychology (3) [S]

General Psychology introduces students to principles of human behavior. It explores individual differences in personality development, emotion, sensory functions and perceptions, learning, as well as psychopathology and clinical interventions.

PSYC 200 Research Design and Methods (4) [S]

An introduction to research design and methods in psychology and statistical applications. The course provides an overview of experimental and quasi-experimental methods, principles of measurement, correlational and observational methods, surveys and content analyses, and the applications of descriptive and inferential statistics. Includes laboratory component. Prerequisite: PSYC 101 and STAT 201, or permission of instructor.

- PSYC 202 Developmental Psychology (3) [S]**
 This course is an introduction to human development from infancy through death, focusing on the interactions of personal and environmental factors in the development of perception, language, cognition, and sociality. Topics include developmental theories, infant perception, attachment, the development of language and memory; identity transitions; and peer relations, schools, families and communities as the contexts of life-cycle changes.
- PSYC 203 Social Psychology (3) [S]**
 This course introduces students to theory and research about the dynamics of individuals and social groups. It includes studies of how we perceive ourselves and others, how we form our beliefs, judgments, and attitudes, social influences such as cultural or gender expectations, persuasion and pressures to conform, as well as our social relations, whether prejudicial, aggressive, intimate or helpful.
- PSYC 204 Abnormal Psychology (3) [S]**
 This course orients students to a range of behaviors classified as “abnormal”, and to theories and research about the dynamics, diagnoses and treatments of neuroses, psychoses, character disorders, psychosomatic reactions, and other abnormal personality patterns. Prerequisites: PSYC 101
- PSYC 235 Child & Adolescent Psychology (3) [S]**
 This course introduces the principles and theories of child development, from infancy through adolescence. It is a study of the physiological, cognitive, emotional and social changes that children go through within the socio-cultural context of their environment. Prerequisite: PSYC 101
- PSYC 332 Personality Theories (3) [S]**
 This course provides an understanding of theories and research from each of the major approaches to the study of personality; psychoanalytic, learning, cognitive, dispositional, humanistic, and intervention strategies derived from these approaches. Offered Fall term only. Sophomore class standing or Permission of Instructor. Prerequisite: PSYC 101.
- PSYC 335 Psychology of Addictions (3) [S]**
 This course assesses theory and research about the social impact, causes, characteristics, and treatment of addictions, including alcohol and drug addictions and eating disorders. Offered Spring term only. Sophomore class standing or Permission of Instructor. Prerequisite: PSYC 101.
- PSYC 365 Marriage and Family Therapy (3) [S]**
 This course introduces students to treatment within the major models of family and couple therapy in Kuwait. Basic assumptions, major issues, primary theorists and techniques of each model will be considered, including working with diverse families and couples. This course is seminar based and its primary focus will be in-class discussions and the sharing of different opinions and ideas. Prerequisite: PSYC 101.
- PSYC 369 Short Course (1 - 3)**
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.
- PSYC 388 Independent Study (1 - 3)**
 Prerequisite: PSYC 101 and PSYC 200. This course is open only for students who minor in Psychology. Permission of Instructor. Can be repeated for credit with different topic.
- PSYC 389 Special Topics (3)**
 Permission of Instructor. Can be repeated for credit with different topic .

PSYC 440 Cognitive Psychology (3)
 This course offers current perspectives on how people acquire, represent, transform, and use verbal and nonverbal information. Topics include perception, attention, memory, action, thinking, language and representations of knowledge. Offered Fall term only. Junior class standing or Permission of Instructor. Prerequisite: PSYC 101.

PSYC 442 Sensation and Perception (3)
 In this course, students evaluate how we acquire information about the physical and social world through basic sensory systems, including vision, smell, hearing, and touch, and the impact of such sensations on our perceptions of objects, events and human interactions. Offered Spring term only. Junior class standing or Permission of Instructor. Prerequisite: PSYC 101.

PSYC 470 Internship in Psychology (1 - 3)
 An Internship experience with the requirement that the student write a report summarizing what the internship job added to his to her knowledge of Psychology. Students are limited to a maximum of 6 internship credit hours. Junior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade point Average of 2.0.

PSYC 475 Current Issues (3)
 Seminar on current research, theory and applications of psychological principles. Offered Fall term only. Junior class standing or Permission of Instructor. Prerequisite: PSYC 101.

RELIGION (RELG)

RELG 101 Intro to Islamic Studies (3) [H]
 Analysis of the structure and dynamics of the Islamic belief system, including law, traditions, culture and society. Original readings illustrating the classical Islamic paradigm are assigned. Contemporary issues of reform, renewal, modernization and fundamentalism, as well as contemporary debates among Muslims are addressed.

RELG 315 Religions of the World (3) [H]
 Review and analysis of major religions of the world, including varieties of Christianity, Islam, Judaism, Hinduism, and Buddhism. Comparative social organization of religion and religious practices, currents in religious transformations; the rise of fundamentalism in the late twentieth century, and the role of religion in social, political and economic life are included. Sophomore class standing or Permission of Instructor.

RELG 369 Short Course (1 - 3)
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

RELG 388 Independent Study (1 - 3)
 Permission of Instructor. Can be repeated for credit with different topic.

RELG 389 Special Topics (3)
 Selected topics of interest in religion. Permission of Instructor. Can be repeated for credit with different topic.

SOCIAL AND BEHAVIORAL SCIENCES (SBSA)

SBSA 101 Introduction to Social and Behavioral Sciences- Concentration in Anthropology (3) [S]

An introduction to the study of human society from a multicultural perspective. The course covers such topics as language, food, economics, political systems, religion, art, kinship and descent, gender, marriage and family, health, and cultural change. A prerequisite for many SBSA courses.

SBSA 200 Ways of Seeing and Knowing (3) [S]

An introduction to ethnographic fieldwork and research design. The course covers both issues that confront researchers in the field as well as the methodology used to collect data. Among the methods to be presented are interviews with individuals, focus groups, surveys and questionnaires, data analysis and presentation. Students will have the opportunity to learn by doing. Prerequisite: SBSA 101.

SBSA 205 Fundamentals of Arab Society (3) [K], [S]

An overview of the structure of Arab society and its diversity. The course covers the relationship between environment and culture, the impact of history and religion on regional values, and the three basic subsistence strategies: Bedouin nomad, agricultural villager, and urban dweller. It also provides examples of social and cultural change.

SBSA 210 Arab Society and Culture (3) [K], [S]

This course explores the complexity and diversity of Arab society in its socio-cultural aspects. Among the topics to be covered are family life, gender roles, political culture and the military, economics, education, media, the arts, and the Arab communities in Europe and America.

SBSA 214 Lost Worlds (3) [S]

Explores various societies around the world known largely through the material remains uncovered by archaeology. Includes societies such as that of ancient Egypt, the Nabateans, the Mayans and Incas of the Americas, Easter Island, and Paleolithic sites in Europe and the Middle East. Briefly covers archeological methods and controversies such as ownership of artifacts, looting of sites, and conservation needs.

SBSA 218 Museums as Artifacts (3) [S]

The course examines how and why museums represent and reflect cultures in their exhibitions and public programming. Among the topics to be considered are the development of museums, their organization, funding, and purpose, exhibit display styles, educational activities, audience evaluation techniques, and the ethics of collecting. Museum visits will be an integral part of the course.

SBSA 220 Culture and Visual Arts (3) [S]

Examines visual arts of both tribal and complex societies in terms of cultural symbolism, and their political, economic, social and gender contexts. Includes such arts as cave painting, textiles, gardens, jewelry, architecture, sand painting, tattooing, funerary artifacts, and murals. Includes discussion of issues such as commercializing, looting, and repatriation.

SBSA 222 Global Media & Identity (3) [S]

Anthropology of media is an essential area of study, living as we do, in a media saturated world today. The course examines new paradigms in the anthropology of visual communication in looking at how media interacts with issues such as representation, people's sense of self-identity and collective cultural identities, nationalism and transnationalism, media activism, diasporas, and social engagements with technology. The course locates the anthropological voice in media by locating it in worlds of practice and debate.

SBSA 224 Shopping and Consumerism (3) [S]

This course focuses on how consumers negotiate desire, difference and power in the most seemingly commonplace material consumption and tries to decode the culture of consumption and what shopping says about people. The course traces the historical development of the relationship between goods and identity from the eighteenth century and identifies the systems of inequality that have been reproduced (as well as subverted) through material consumption. Students learn how social reality is constituted in an environment steeped in global consumer imagery; and are armed with analytical techniques to probe the social and ideological meanings invested in goods, thereby also gaining a critical, self-reflective perspective on cultural differences.

SBSA 226 Material Culture of Clothing (3)

The course examines material culture in the form of clothing: how dress expresses culture in its social, economic, political, religious, and ritual dimensions. Also explored is the way clothing reflects social ideas about gender and ethnic differences, cultural change, and historical development. Dress is analyzed in both its symbolic and international aspects in the form of the couture houses of Paris and the film industry in California.

SBSA 230 Genocide and Refugees (3) [S]

A critical, historical approach to contemporary studies of genocide and refugees, in relation to colonialism, power, domination, ideology, identity, resources such as oil, media and propaganda, and revenge. Students will assess the destruction and survival of societies, from the 19th century slaughter of Amazonian Indians to more recent genocides in Cambodia, Bosnia, Rwanda and the Sudan.

SBSA 235 Identity, Difference and Deviance (3) [S]

A critical, historical assessment of concepts of abnormality and deviancy as they emerge across time and cultures. The course covers longstanding debates about the relations of human nature and culture from 19th century measurements of “primitives” and “freaks” to contemporary studies of mental illnesses, witchcraft, affliction and spirit possession, drug and alcohol abuse, moral panics, social control, outlawed deviancy, and acceptable forms of deviancy.

SBSA 239 Nations and Migration (3) [S]

Mobility, a key feature of contemporary life, has led to fundamental changes in our understanding of identity, culture and community. Drawing on an inter-disciplinary range of debates, the course examines how, while nationalism and migration might be seen as opposing processes, migration often leads to reinvigoration and rephrasing of national identity, frequently with important political consequences. The course also discusses the range of phenomena that make up the “endless motion” of migration that shapes our everyday experiences.

SBSA 249 Images of Women in Media (3) [S]

In examining links between gender, media and modernity, this course offers examples of media representations of women's identity. Students will not simply analyze media representations of women, but learn to contextualize and critically examine them within a broader framework of the characteristics of contemporary culture in specific regions. This course will “cross borders” of disciplines, methods, and approaches, and intervene into current debates in the fields of cultural anthropology, media and cultural studies; global/local; Eurocentrism and multiculturalism.

SBSA 260 Ethnographic Film (3) [S]

A survey of historical and contemporary trends in ethnographic films and film-making. This course explores the use of film in anthropological analysis, documentation, and representation, and the technical limitations and ethical issues encountered by ethnographic filmmakers. We will screen and discuss films that portray the lives of diverse people and communities.

SBSA 265 South Asian Film (3) [S]

The Indian film industry is the largest in the world, of which Hindi films is its most popular component. This course uses popular Hindi films as anthropological texts through which we consider broader questions about the anthropology of representations & in examining roles and representations of femininity and masculinity, tradition and modernity, the importance of family and family values, the Indian diaspora, and the Hindi film phenomenon as it develops in the age of globalization. In this course we treat visual representation as an aspect of material culture and practice of social scientists, as well as culture researched by social scientists.

SBSA 270 The Indigenous Americas (3) [S]

This module of the Indigenous Americas introduces students to the cultures of South America through historical and ethnographic study. It is designed to give students a general understanding of some of the core issues of a large and complex geo-political area. We will explore the shifting cultural, political and economic relations from the colonial period to contemporary times. The course will pay particular attention to the place of indigenous people in the national and international context.

SBSA 275 Secrecy and Secret Societies (3) [S]

Analyzes the keeping and telling of secrets in everyday life and the meanings they have in different cultures. Surveys anthropological and social science theories on the role of secrecy and secret societies and associated effects on identity, politics and culture. The course examines the character of secrecy in ancient and modern social institutions and studies the historical conditions giving rise to secret societies.

SBSA 280 Kinship & Families-Global Era (3) [S]

Surveys the anthropological history of kinship and explores the way global processes have changed or challenged family bonds. The course analyzes the impact of technologies, migration and the global economy on personal relationship.

SBSA 341 Women in Cross-Cultural Perspective (3) [S]

Explores the biological and cultural basis of gender, examines the factors that influence the relative status of men and women, and investigates the relationship between gender and such fields as politics, economics, health, violence, the family, and the media. Sophomore class standing or Permission of Instructor. Prerequisite: SBSA 101.

SBSA 342 Gender Relations in the Arab World (3) [K]

The course considers the relationship between men and women in the Arab world, as well as the impact on gender of social structure, family dynamics, religion, law, education, economics, health, aging, politics, and the arts. Also examined is the symbolic communication of gender through the media and dress. Additional topics include the challenges that Arab women confront when conducting anthropological research in the region.

SBSA 344 Tourism and Cultural Change (3) [S]

Analyzes tourism from a cultural perspective. Explores issues such as the impact of tourism on the environment and society, culture as a commodity, authenticity, touristic imagery, material aspects of tourism such as souvenirs, gender roles in tourism, and exploitation. Sophomore class standing or Permission of Instructor. Prerequisite: SBSA 101.

SBSA 345 Globalizatn: Defense/Discontent (3) [S]

The course provides an anthropological and ethnographic introduction to globalization and a world of flows and interconnections. We will focus on how through globalizing processes, peoples and cultures are becoming increasingly interconnected, and also on ways how people in different parts of the world mediate these processes in culturally specific ways. Sophomore class standing or Permission of Instructor. Prerequisite: SBSA 101.

SBSA 350 Health, Medicine and Curing (3) [S]
 Analyzes the socio-cultural factors and the global forces that compose health, medicine and curing. Critically explores health care consequences of inequality and the connection between power and medical knowledge particularly in Western bio-medicine. The topic covers how different people socially construct and manage well-being and illness, and examines the role of healers (e.g. physicians, shamans, and mid-wives) in cultural context.

SBSA 366 Popular Culture in South Asia (3) [S]
 In this course, popular culture is examined - ranging from calendar art, romance fiction, magazines, photographs, music, food, fashion, films, and television – as an important resource for anthropological insights into contemporary social issues and processes. Issues such as continuity and transformation of tradition, the impact of imperialism, and the “Indianization” of English are increasingly seen as areas of debate and research. Notions of hybridity, diversity, and globalization are addressed. Sophomore class standing or Permission of Instructor. Prerequisite: SBSA 101. It is recommended that students take SBSA 265 prior to this course.

SBSA 369 Short Course (1 - 3)
 Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

SBSA 370 Music of the Arabian Peninsula (3) [K], [S]
 This course deals with music, dance, and poetic genres of Kuwait and regions of the Arabian Peninsula. It includes structural analysis and an examination of the context in which these creative forms exist. This course satisfies the General Education Requirement for Arab Culture. Sophomore class standing and Permission of Instructor. [Cross-listed with MUSC 370]

SBSA 388 Independent Study (1 - 3)
 Permission of Instructor. Can be repeated for credit with different topic.

SBSA 389 Special Topics (3)
 Permission of Instructor. Can be repeated for credit with different topic.

SBSA 470 Internship in SBSA (1 - 3)
 An Internship experience with the requirement that the student write a report summarizing what the internship job added to his to her knowledge of Social and Behavioral Sciences, Concentration Anthropology. Students are limited to a maximum of 6 internship credit hours. Junior class standing and Permission of Instructor. This is a Pass/Fail course. Prerequisite: A Minimum Grade Point Average of 2.0.

SBSA 485 Seminar in SBSA (3)
 A Senior seminar that examines selected critical issues in the field of Social and Behavioral Sciences, Concentration in Anthropology. Senior class standing or Permission of Instructor.

SPANISH (SPAN)

SPAN 101 Introduction to Spanish I (3) [H]
 Beginning Spanish course based on the communicative method. Emphasis on vocabulary-building, listening comprehension, speaking and grammar through context. Permission of Instructor.

SPAN 102 Introduction to Spanish II (3) [H]
 Introduction to Spanish II continues to reinforce communicating skills with an emphasis placed on speaking (acquisition of vocabulary for personal and practical use). It will develop the ability to

communicate with accurate pronunciation and intonation. Students will be exposed to the Spanish and Latin American culture with the use of video and other authentic material. The course content is built with a variety of methods and formats to suit the needs of learners. The class is conducted almost entirely in Spanish. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisites: SPAN 101 or Permission of Instructor.

SPAN 201 Intermediate Spanish (3) [H]

Intermediate Spanish continues to reinforce active communicating skills with more emphasis placed on reading and writing texts but it will continue to extend speaking skills in daily life situations. Students will be exposed to the Spanish and Latin American culture with the use of video and other authentic material. The course content is built with a variety of methods and formats to suit the needs of learners. At this level, the class is conducted entirely in Spanish. Students may not enroll and will not receive credit for a language-learning course taken below the level of the language-learning course into which they were tested. Prerequisite: SPAN 102 or Permission of Instructor.

SPAN 369 Short Course (1 - 3)

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

SPAN 388 Independent Study (1 - 3)

Permission of Instructor. Can be repeated for credit with different topic.

SPAN 389 Special Topics (3)

Permission of Instructor. Can be repeated for credit with different topic.

STATISTICS (STAT)

STAT 201 Statistics (3) [M]

Topics include data classification, means, measures of central tendency and dispersion, frequency distributions, probability, sampling distributions, point and interval estimates, hypothesis testing, non-parametric techniques, simple regression and correlation. Computer-based statistical packages are utilized.

STAT 202 Regression for Business (3) [M]

This course extends Statistics 201 to include estimation, hypothesis tests concerning one and two populations, statistical inference, Chi-square tests, simple and multiple regression and model building. Prerequisite: STAT 201.

STAT 214 Statistics for Engineers (3) [M]

Students will be given an in-depth exposure to proofs of statistical formulas and theorems. Topics for study will include counting methods, probability, discrete and continuous random variables, probability distributions, density functions, expectation, moments and moment generating functions, sampling distributions and the Central Limit Theorem, point and interval estimations, hypothesis testing, unbiased estimators, consistency, sufficiency, robustness, regression and correlation. Prerequisite: MATH 203.

STAT 369 Short Course (1 - 3)

Topic varies by semester. Classes are taught by a guest lecturer or lecturers. Permission of Instructor. Can be repeated for credit with different topic.

