

The University of Texas Rio Grande Valley™



UNDERGRADUATE **SUSTAINABILITY COURSE CATALOG**

SUSTAINABLE DEVELOPMENT AT UTRGV™

Human activity is often detrimental to the environment, health of people and animals, and economically unjust. Sustainable development refers to making changes to the way we do things so that future generations will be able to continue to prosper. In the here and now, it will take all UTRGV students, faculty, staff, and members of the community adopting small habits, taking an interest in sustainability, and championing a cause.

UTRGV has integrated sustainable development into every field of study, and your professors have developed the following courses to help you focus on sustainability within your field.

We encourage you to explore the course offering and select some of the many ways you can fit sustainability into your degree plan! As an undergraduate student, you are beginning on the path of your chosen field. You have a great opportunity to gain a broad understanding of sustainable development.

USING THE SUSTAINABLE DEVELOPMENT **COURSE CATALOG**

Courses that are sustainability focused or related are listed in their respective college. Use this course catalog to make a list of selections that seem interesting to you. Then, work closely with your advisor to make the most of your college experience and make sure you graduate on time!

Be aware that some courses may have prerequisites or be offered on only one campus or online. Look them up in ASSIST to find out which sustainability focused or related courses work for you.

 Sustainability FOCUSED

 Sustainability RELATED

The United Nations has developed 17 goals (SG17) to guide nations and their citizens towards a more sustainable future. With these goals, we have a frame of reference from which to assess our sustainable development.

The UTRGV International Center for Sustainability Across the Curriculum (ICSAC) has helped UTRGV faculty integrate sustainable development into over 400 courses. Sustainable development is far-reaching, and the 17 goals can be found in each college. Some colleges have a specific sustainable development focus.



SUSTAINABLE DEVELOPMENT IN EVERY FIELD OF STUDY



College of Health Affairs

“Ensuring healthy lives and promoting well-being for all at all ages is important to building prosperous societies; healthy people are the foundation for healthy economies.”

-U.N. SG 3:
Good Health and Well-being



Robert C. Vackar College of Business & Entrepreneurship

“Sustainable consumption and production is about promoting resource and energy efficiency, sustainable infrastructure, and providing access to basic services, green and decent jobs and a better quality of life for all. Its implementation helps to achieve overall development plans, reduce future economic, environmental and social costs, strengthen economic competitiveness and reduce poverty.”

-U.N. SG 12:
Ensure sustainable consumption and production patterns



College of Engineering & Computer Science

“Technological progress is the foundation of efforts to achieve environmental objectives, such as increased resource and energy- efficiency. Without technology and innovation, industrialization will not happen, and without industrialization, development will not happen. Investments in infrastructure – transport, irrigation, energy and information and communication technology – are crucial to achieving sustainable development and empowering communities in many countries.”

-U.N. SG 9:
Build resilient infrastructure, promote sustainable industrialization and foster innovation



College of Liberal Arts

“A successful sustainable development agenda requires partnerships between governments, the private sector and civil society. These inclusive partnerships built upon principles and values, a shared vision, and shared goals that place people and the planet at the centre, are needed at the global, regional, national and local level.”

-U.N. SG 17:
Revitalize the global partnership for sustainable development



College of Education & P-16 Integration

“Education is the key that will allow many other Sustainable Development Goals (SDGs) to be achieved. When people are able to get quality education they can break from the cycle of poverty. Education therefore helps to reduce inequalities and to reach gender equality. It also empowers people everywhere to live more healthy and sustainable lives. Education is also crucial to fostering tolerance between people and contributes to more peaceful societies.”

-U.N. SG 4:
Ensure inclusive and quality lifelong education for all



College of Fine Arts

“Peaceful, just and inclusive societies are necessary to achieve the Sustainable Development Goals (SDGs). To achieve peace, justice and inclusion, it is important that governments, civil society and communities work together to implement lasting solutions to reduce violence, deliver justice, combat corruption and ensure inclusive participation at all times. Freedom to express views, in private and in public, must be guaranteed...”

-U.N. SG 16:
Peace, Justice, and Strong Institutions



College of Sciences

“Biodiversity and the ecosystem services it underpins can also be the basis for climate change adaptation and disaster risk reduction strategies as they can deliver benefits that will increase the resilience of people to the impacts of climate change.”

-U.N. SG15:
Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss

College of Health Affairs

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SCHOOL OF NURSING

- **NURS 2301 Wellness**
This course is designed to introduce the student to theories, concepts, and practices related to wellness, with an emphasis on self-care. The students will have an opportunity to practice and demonstrate competency in selected self-care skills in a simulated situation.
- **NURS 3107 Health Promotion**
This course expands on the concepts of wellness, health promotion, health maintenance, health restoration, and health protection (disease prevention) across the lifespan. Critical thinking, teaching-learning, and the nursing process are highlighted.
- **NURS 3202 Wellness & Health Promotion**
This course introduces theories, concepts, and practices related to wellness, with an emphasis on self-care. The concepts of wellness, health promotion, health maintenance, health restoration, and health protection (disease prevention) across the lifespan. Critical thinking, teaching-learning, and the nursing process are highlighted.
- **NURS 3312 Mental Health**
The course provides continued use of nursing concepts in the care of clients experiencing alterations in mental health. The nursing process is emphasized as it relates to altered psychosocial integrity.
- **NURS 3301 Professional Mobility**
This course presents historical, philosophical, theoretical, sociocultural, economic, political, ethical, and technological concepts impacting nursing and health care delivery systems (lay, folk, professional).
- **NURS 3411 Adult Health I**
This course provides continued use of nursing concepts. The nursing process is emphasized as it relates to alterations of selected body systems/functions.
- **NURS 3604 Nursing Fundamentals**
This course introduces fundamental nursing and health care concepts, including the nursing process. Opportunities are provided to demonstrate skill competency in a simulated situation prior to application in a secondary health care setting.
- **NURS 3608 Adult Health I**
This course provides for continued use of nursing concepts in providing care for two or more adults in a secondary health care setting. The nursing process is emphasized as it relates to alterations of selected body systems/functions.
- **NURS 4303 Issues in Nursing**
This course addresses issues, trends, and problems in nursing as well as their impact on health care delivery systems (lay, folk, professional).
- **NURS 4504 Community Health Nursing**
This course focuses on the role of the nurse in planning and providing primary care to individuals and groups in a community or rural setting. The course will emphasize complex sociocultural, political, economic, and health issues within a community. The student will use the nursing process to recognize and meet health needs of individuals and groups.
- **NURS 4401 Adult Health II**
This course provides continued use of nursing concepts, including the nursing process, in the nursing care of adult clients experiencing crisis and/or complex health alterations to selected body systems.
- **NURS 4601 Adult Health II**
This course provides continued use of nursing concepts, including the nursing process, in the care of two or more adult clients experiencing crisis and/or complex health alterations to selected body systems in a secondary health care setting.
- **NURS 4602 Family Health Care**
This course focuses on the utilization of the nursing process in the care of families throughout the perinatal cycle, infancy, childhood, and adolescence. Theoretical concepts and selected research findings are applied to developmental and familial concerns in both normal and high-risk settings.
- **NURS 4605 Leadership in Nursing**
This course focuses on theories of nursing leadership, organizational structures, and management in relation to health care. The nursing process will be emphasized as it relates to leadership and management in clinical/lab settings. The transition from the student role to professional role will be explored.

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HEALTH & BIOMEDICAL SCIENCES

- **BMED 1101 Intro Med Biochem**
This course is linked with Mission 1 (BMED 1104.01B and CSHR 1001.01B) and must be taken simultaneously.
- **BMED 1103 Intro to Cell Bio**
This course is linked with Mission 2 (BMED 2102.01B and CSHR 1001.01B) and must be taken simultaneously.
- **BMED 1104 Intro Molecular Bio**
This introductory level course introduces the concept of the structure and function of macromolecules (DNA, RNA, Proteins). Biomedical research techniques utilizing these macromolecules and the relevance of such research in understanding human disease will be discussed.
- **BMED 1105 Intro Med Genetics**
In this course you will develop the knowledge and skills necessary to contribute to the health and well-being of many members of your community. You will also learn what the professionals in the field know about the inner workings of the human body and medicine.
- **BMED 1106 Intro to Medical Microbiology**
This course is linked with BMED 1105.1BR (CRN# 56585), CSHR 1001.1BR (CRN# 56720), BMED 1106.1BR (CRN# 53384), and BMED 1107.1BR (CRN# 56173) and must be taken simultaneously.
- **BMED 1107 Intro Immunology**
This course is linked with BMED 1105.1BR (CRN# 56585), CSHR 1001.1BR (CRN# 56720), BMED 1106.1BR (CRN# 53384), and BMED 1107.1BR (CRN# 56173) and must be taken simultaneously.
- **BMED 1108 Intro Med Neurosci**
This course is linked with Mission 5 (BMED 3104.01B, BMED 3108.01B and CSHR 1002.01B) and must be taken simultaneously.
- **BMED 1109 Evol Med**
Human diseases have both proximate (mechanistic) and ultimate (evolutionary) causes. The common medical approach has been to ignore the ultimate causes and, instead, focus on the proximate. Thus, we may understand the physiological processes but not the evolutionary significance. In this course, we will focus on the evolutionary causes of disease. The primary goal of this course is to teach research skills while sharpening understanding and application of Darwinian thought.
- **BMED 1110 Intro Med Physiology**
This biomedicine course provides an introduction to the major concepts of physiology as applied to the human organism and diseases. The content will be integrated within the concept of homeostasis of body systems that is essential for clinical medicine.
- **BMED 2101 Gross Anatomy**
This course is an in depth examination of the cardiovascular and respiratory systems. The embryology, anatomy, histology, physiology, clinical aspects, pathophysiology and pharmacology of cardiovascular and respiratory systems will be presented.
- **BMED 2102 Molecules, Cells, Tissues**
This course emphasizes the macromolecules and cells and their influence on biological functions in the human body. The course also, provides students with a current and comprehensive review of the molecular structure and function at the cellular and tissue levels and discusses medical application of such knowledge.
- **BMED 2103 Legal Med & Ethics**
This course is intended to give the student an overview of the multidisciplinary topics in legal medicine and ethics. The students acquired an understanding of the similarities and differences in which medicine and law frame questions, address problems, and approach moral issues affecting the practice of medicine today.
- **BMED 3101 Pathobio and Host Def**
This course is an introduction to the disease process in all organ systems and presents the basic clinical aspects of diseases and its correlation with the morphologic features of the diseases.
- **BMED 3102 Neurochem**
An interdisciplinary course investigating the chemical processes involved in central nervous system functioning and communication. Emphasis will be placed on the chemical aspects of synthesis, metabolism, and release of neurotransmitters. The role of neurochemistry in behavioral and neurological disease states will be evaluated. Current research topics in this area will also be presented.
- **BMED 3103 Human Behavior**
The course examines a neuronal basis of human behavior with a useful combination of data from Biological foundations of human behavior, and development of human behavior in different stages This course also will examine human behavior dynamics and provide a knowledge base upon psychological, and socio-cultural variables, which influence human development over the life cycle. The impact of the family, social groups, organizations, communities and society on individuals human behavior will be discussed in the most frequent health and diseases areas related.
- **BMED 3104 Integrated Body Systems I**
In this course, you will study: The Nervous system, The Musculoskeletal system, The cardiovascular system, The Respiratory system, Blood, and the Integumentary system.
- **BMED 3105 Integrated Body Systems II**
This course is an in depth examination of the digestive system and nutrition. Topics include anatomy, histology, physiology, clinical aspects, pathophysiology, and pharmacology of the gastrointestinal system and life cycle nutrition.
- **BMED 3106 Integrated Body Systems III**
This course is an examination of the embryology, anatomy, histology, physiology, clinical aspects, pathophysiology and pharmacology of the urinary system. The course also includes the study of fluids and electrolyte balance.
- **BMED 3107 Integrated Body Systems IV**
The students in this course will have the opportunity to study the detailed structure and function of the endocrine and reproductive system.
- **BMED 3108 Integrated Body Systems V**
The students in this course will have the opportunity to study the detailed structure and function of the integumentary system, blood, and the musculoskeletal system.
- **BMED 3109 Medical Syndromes**
Urinary, renal and gastrointestinal syndromes.
- **BMED 3109 Medical Syndromes**
The students in this course will learn the importance of clinical judgment, interactions and involvement of the different organ systems in the development of diseases by integration and application of information acquired in previous courses. Topics will include ethics, death and dying, pain management, treatment principles and situational awareness.

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- **BMED 4220 Med Bioinfo Gen Sys Biology**

This course presents a problem solving approach to understanding genomics using bioinformatics applications as used in the field of precision medicine. Covering the latest techniques that enable the study of the genome in ever-increasing detail, this course explores what the genome reveals in health and disease. This is a course where students will learn how to work with genomic data. The course will cover the theory and latest techniques used to sequence DNA, functionally analyze mRNA, DNA etc. and study genes and genomes using available databases.
- **BMED 4230 Human Genetics/Med Genomics**

This course will examine human genetics and medical genomics, covering the human genomics, heritability, variations and associations with diseases, gene-environment interactions, population genetics, cancer genetics, epigenetics, and the ethical, legal and social implications of studying human genetics.
- **BMED 4240 Medical Microbiology**

This advanced course that examines the biological properties of pathogens that contribute to human disease and examines the etiology, epidemiology, host defenses, identification, diagnosis, prevention, and control for selected major human pathogens. This course will introduce students to the microbial species that cause human disease.
- **BMED 4250 Adv Cell Bio**

This advanced level course introduces students to the concept of protein targeting and its implication in human diseases.
- **BMED 4260 Adv Molecular Bio**

Molecular Biology is a course organized around the Central Dogma of Biology with presentations covering fundamental aspects of DNA and RNA structure, their function and their interactions with proteins. The course opens with a discussion of the physical and chemical properties that drive the interactions of proteins with nucleic acids. This is used as a basis for understanding the material presented in the subsequent five modules, which cover DNA replication, DNA repair, gene regulation, transcription and translation.
- **BMED 4270 Intro CAM**

This course is designed to introduce students to the philosophies, techniques, and evidence of efficacy of complementary and alternative medicine (CAM) therapeutics (also called integrative medicine) currently in use in the United States, for example dietary, functional medicine, mind-body medicine, exercise (yoga, tai-chi etc.) and herbal/supplement therapies.
- **BMED 4280 Adv Med Neurosci**

This course is an introduction to genomics and systems biology using bioinformatics methods. Medical case studies are used to illustrate data collection and analysis technique
- **BMED 4290 Med Immunology**

This advanced course in the medical immunology will relate scientific findings in immunology with clinical problems. It will illustrate essential points about mechanisms of immunity in a clinical context. The course will also cover the design of proper diagnostic approaches and their interpretation based on modern knowledge of immunology.
- **BMED 4295 Pathophysiology**

This course is an introduction to genomics and systems biology using bioinformatics methods. Medical case studies are used to illustrate data collection and analysis technique.
- **BMED 4310 Med Biochem**

Develops student understanding of biochemical principles particularly as related to human metabolic processes in health and disease. The discipline of biochemistry developed as chemists studied the molecules of cells, tissues and body fluids, and physicians, scientists and geneticists probed the inheritance patterns and molecular basis of diseases. Tools of molecular biology now permit detailed and sophisticated diagnostic tools, molecular explanations, and treatments, of many disease processes. Homeostasis and proper functioning of the body requires a delicate balance amongst essential nutrients taken in or synthesized, appropriate metabolism in response to internal and external environment, and disposal of waste products. Two basic metabolic requirements are: synthesize everything cells need that is not supplied by the diet, and protect internal environment from toxins and changing external conditions. Dietary components are metabolized by: fuel oxidative pathways, fuel storage pathways, biosynthetic pathways, and detoxification or waste-disposal pathways.
- **BMED 4440 Medical Microbiology**

This course will provide a comprehensive study of disease-causing microorganisms including source of origin, biochemical pathways to control host systems, pathogens survival in the environment and host transmissions. Students who successfully complete this course will have a comprehensive understanding of therapeutic approaches for different pathogens, drug resistance, and overcoming potential treatment failure. The laboratory will give students an opportunity to learn safe handling precautions and procedures and will provide hands-on study of some of these organisms.
- **CLSC 2429 Clinic Micro in Health Care**

This course will focus on the immunology, diagnosis, treatment and prevention of infectious diseases. The major categories of microbial pathogens such as viruses, bacteria, fungi and parasites will be discussed in relationship to human disease processes. Identification and interpretation of laboratory findings in the health care setting will be emphasized. Students will acquire skills in the use of standard precautions and infection control techniques.
- **CLSC 3630 Clinical Microbiology II**

This course provides an overview of human pathogens commonly encountered in the clinical laboratory including parasites and bacteria. Diagnostic techniques used in the hospital laboratory as well as correlation with disease processes are covered. Appropriate pre-analytical, analytical, and post-analytical processes are discussed. An emphasis is placed on staining, cultural, and differential biochemical characteristics, as well as methods of isolation.
- **CLSC 4116 Advanced Immunology**

This course covers advanced concepts in clinical immunology with an emphasis on specialized testing. Topics include hypersensitivity, autoimmune disorders, tumor immunology, immunodeficiency disorders and transplantation. Upon completion of the laboratory and lecture sections of the CLS program, the student should be able to demonstrate entry level knowledge and skills in the area of hematology, clinical chemistry, immunohematology, clinical microbiology, immunology, and urinalysis and body fluids.
- **CLSC 4303 Medical Laboratory Leadership**

An introduction to the leadership roles and responsibilities of the clinical laboratory scientist in management, supervision and education as well as the regulatory and legal aspects of laboratory medicine.
- **CLSC 4314 Advanced Immunohematology**

Lecture and laboratory stress the detection, identification, and characterization of rarer and atypical antigens and antibodies, compatibility testing, blood component therapy, hemolytic disease of the fetus and newborn, and problem-solving techniques. Appropriate pre-analytical, analytical and post analytical principles will be discussed along with quality assurance principles appropriate to the immunohematology laboratory.
- **CLSC 4315 Molec Genetics & Molec Diag**

This course introduces the student to advanced concepts in molecular diagnostics as applied to the practice of laboratory medicine. Students will be introduced to the theory and techniques used in paternity testing, autoimmune disorders, tissue transplantation, the diagnosis of infectious disease states and clinical correlation with abnormal and normal conditions.
- **CLSC 4315 Molec Genetics & Molec Diag**

This course introduces the student to advanced concepts in molecular diagnostics as applied to the practice of laboratory medicine. Students will be introduced to the theory and techniques used in paternity testing, autoimmune disorders, tissue transplantation, the diagnosis of infectious disease states and clinical correlation with abnormal and normal conditions
- **CLSC 4411 Clinical Hematology II**

This course is a continuation of Hematology I with an emphasis on abnormal morphology and related disease states. Coagulation abnormalities and associated clinical correlation will also be covered as well as the more specialized techniques in hematology and coagulation. Appropriate specimen collection and pre- and post-analytical principles will be covered. Case studies will be used to develop problem solving skills.

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- **CLSC 4521 Clinical Chemistry II**
Continuation of Clinical Chemistry I with an emphasis on more advanced concepts and procedures including acid base balance, endocrine testing, toxicology, therapeutic drug monitoring as well as the associated normal and abnormal physiology and the appropriate clinical correlation of results. Alternate specimen types such as body fluids and fecal samples will also be addressed.
- **DIET 2351 Intro to Clinical Nutrition**
Human Nutrition provides students with an understanding of basic nutritional science and how the principles of nutrition can be used to achieve and maintain optimum health and well-being. Students will consider their own food choices in light of the scientific concepts covered in class. Topics include: carbohydrates, alcohol, lipids, proteins, vitamins, minerals, metabolism and the relationship of nutrients to the health of various organ systems.
- **DIET 2352 Food Preparation**
This course will cover information related to food science and nutrition, such as food selection, preservation, sensory, and physical evaluation. In addition, food safety and food preparation will be covered in lecture and practiced in Lab. All standard food items including, proteins, phytochemicals, complex carbohydrates, refined carbohydrates, and fat will be explored
- **DIET 4257 Research Methods in Dietetics**
This course is about research design, methodology, ethics, interpretation and presentation of data. It also includes the introduction, interpretation and evaluation of dietetics-related professional literature. Planning projects and professional presentation of developed research projects will be part of the course.
- **DIET 4258 Comm Skills in Dietetics**
The course is based on the study of the major components of communication including interviewing; counseling; behavior modification; group dynamics; delivery of oral presentations and workshops; learning, and motivation. Other topics of interest would be communication and diversity, and use of media in communication.
- **DIET 4455 Community Nutrition Practicum**
An introduction to the practice of community aspects of dietetics through weekly observations and hands-on experiences in different community facilities
- **HPRS 3301 Intro to Healthcare System**
This course begins by examining the cultural, psychological underpinnings of the unique health care system that has evolved in the U.S. We will survey the wide variety of personnel and professions that work together to deliver the health care services. The institution in which many of these services are delivered the hospital will be studied. We will spend a class session sketching out the entire framework of the system through which organizations and individuals, and the interrelationships among them.
- **HPRS 3309 Managing the Healthcare Team**
Discusses the concepts of leadership within the context of allied health. Prepares the learner to use problem solving methods to effectively supervise and lead subordinates in a health care setting. Focuses on the economics of managed care, how continuous quality improvement relates to cost-effective care. Develops skills and values necessary for effective teamwork.
- **HPRS 3316 Nutrition Concepts**
This course is designed to emphasize the importance of nutrition in maintaining health and wellness. The effectiveness of the therapeutic diet as related to specific diseases will be explored. In addition to school-based training, this course provides clinical- based learning experiences.
- **HPRS 3320 Patient Education in H.S**
This course will cover adult learning theories and concepts to help learners develop appropriate teaching materials and programs for patients and their families that enhance client knowledge and skills for health promotion and recovery.
- **HPRS 4301 Intro Health Data Utilization**
This course will provide the student an overview of the use of data in the health care industry. The learner will understand the principals of using databases, spreadsheets and graphics programs. Health data sources and literature will be reviewed. Presentation of health data and communicating health data professionally will be a major emphasis in this course.
- **HPRS 4310 Epidemiology HS**
This course will provide an introduction to epidemiological principles and concepts which include: history, vocabulary, methods, design, interpretation, and evaluation of epidemiological research. The emphasis is on public health practice of epidemiology, evidence-based practice and will include border health issues.
- **HPRS 4312 Applied Pathophysiology**
This course will review disease processes and how human systems are affected. Emphasis is placed on prevention and treatment of diseases. Students will differentiate between normal and abnormal physiology and make informed decisions using critical thinking and problem solving.
- **HPRS 4334 Issues and Trends in Health**
This course is designed to broaden the student's awareness on how current issues and trends in the field of health and healthcare are addressed and how these issues are affected by the social, ethical, political, economic, cultural, and technological climates in the nation.

HEALTH & HUMAN PERFORMANCES

- **HLTH 2301 Intro to Health Ed**
The course will cover factors and health issues that influence lifestyle and wellness throughout the lifespan; highlighting college student wellness. Emphasis will be placed on the application of knowledge and skills for personal and professional practice. The class should join in a scholarly inquiry of the issues with an understanding that differences of opinion exist in a class. Each student should feel they have equal access and opportunity for contribution to the discussion forum, and equal access to the instructor for questions and concerns.
- **HLTH 2352 Personal Health**
The course will cover factors and health issues that influence lifestyle and wellness throughout the lifespan; highlighting college student wellness. Emphasis will be placed on the application of knowledge and skills for personal and professional practice.
- **HLTH 2373 Growth, Develop, & Fitness**
A study of the growth process and systemic development of the human organism. The concept of physical fitness is analyzed and related to organismic function and wellbeing.
- **HLTH 3305 Selected Topics in Health Ed**
Selected topics in the field are examined with the intent of promoting the study and research of are as not offered in the curriculum.
- **HLTH 3325 Latino Health**
This course covers topics related to the health issues of the Latino population. Emphasis will be placed on application of knowledge and skills to personal and professional practice related to the demographic, socioeconomic and behavioral-risk profiles of Latino populations.
- **HLTH 3355 Health Behavior Theory**
This course provides a thorough discussion of the determinants of health-related behavior, health behavior theory, and how theory can be utilized in research and practice. Emphasis will be placed on how varied these theories of health behavior may be used to design, implement, and evaluate programmatic interventions.

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- **HLTH 3360 Environmental Health**
This course provides a thorough discussion of the health aspects of environments; health problems related to water, air and noise pollution; pesticides; population and radiation; examination of various micro-environments which either promote or hinder human health and well-being and their implications for community planning and utilization of human resources.
- **HLTH 3365 Health Communication**
This course considers factors that determine health and illness in populations. An understanding of social and behavioral issues which influence health status and care in the United States will be studied. Opportunities to learn about social and psychological aspects of disease, health care, delivery systems, political economy of health and illness and its impact and consequences will be presented. Debates and contrasting perspectives which characterize the field of medical sociology-health promotion along with current relevant topics comprise the course. Opportunity is provided for the graduate student to apply critical thinking strategies for understanding, evaluating and analyzing determinants and perspectives that affect health and illness.
- **HLTH 3371 Health Prob in Alc, Tob & Nar**
This course examines the psychological, physiological and social effects of substance use, abuse and dependency. Special emphasis is placed on prevention with in-depth study of the contribution of intervention models.
- **HLTH 3372 Nutrition & Health**
Analysis of food constituents related to human nutritive needs and sources throughout the life span will be studied. Its emphasis will be on prevention of nutrition-related health problems through study of health-promoting dietary and lifestyle practices, contributing risk factors, and mechanism of development.
- **HLTH 3373 Human Sexuality**
Adjustment of the individual to life in the social group with emphasis upon problems occurring in mental and emotional health, aging, family living, and human sexuality
- **HLTH 3374 Human Disease**
This course covers the relationship between the human body and communicable and non-communicable diseases. The historical aspects of diseases, etiology, prevention and control, prevalence, and symptoms are examined.
- **HLTH 3375 Consumer Health**
Selection, evaluation and understanding of health information, medical services, health products, and advertising and sociocultural factors in consumer health protection. By offering science-based facts and guidelines, Consumer Health provides the tools you need to make smart decisions about health-care products and services.
- **HLTH 4315 Health Prog Planning & Evaluation**
This course covers the essentials of health education/promotion program design, planning and evaluation. Students will learn the process of health education programming including assessment, design, planning, implementation, and evaluation. This course will also include an introduction to health behavior theory.
- **KINE 1201 Aerobic Exercise**
Aerobics Exercise is designed to develop and maintain a strong healthy body through various types of aerobic activities. Principles are presented to help the student not only enjoy the benefits of exercise, but to develop motivation to continue health principles beyond the classroom. The student will become familiar with the concepts of wellness for health and the numerous benefits of exercise throughout life
- **KINE 1212 Folklorico**
Folk dance may be defined as the traditional dances of a given country which have evolved naturally and spontaneously in conjunction with the everyday activities and experiences of the peoples who developed them. Thus, Mexican folklorico dance depicts the history, customs, beliefs, rituals, and events which embrace the people it represents. This course is designed for the beginning folklorico dancer for a nondancer. Various regional Mexican dances will be covered throughout the semester which consists of beginning level step
- **KINE 1301 Wellness**
This course is designed for students to learn basic knowledge concerning all aspects of personal healthy well-being and a specific physical activity for lifelong use. The course will be taught as a hybrid through a combination of online learning for wellness knowledge and in a laboratory setting for a specific physical activity.
- **KINE 1306 First Aid/First Responder**
Basic knowledge for safe and effective living. The essential aspects of home, work, motor vehicle and public safety. Includes theoretical & practical aspects of emergency care. Standard First Aid, Personal Safety and Cardio-Pulmonary Resuscitation. Certification upon completion of specific requirements
- **KINE 1351 Intro to Sport & Exerc Sci**
A survey course designed to introduce the prospective kinesiology education major to the history, philosophy, scientific foundations, objectives, and current status of sports and exercise in educational and recreational settings
- **KINE 2304 Outdoor Education**
The course involves an introduction to outdoor adventure activities (such as rock climbing, orienteering, canoeing, backpacking, and camping) as well as an introduction to experiential activity as teaching methodology
- **KINE 2305 Team Sports**
This course focuses on motor skill acquisition, knowledge, and safety issues in selected Team Sports (i.e. Flag Football, Volleyball, Soccer, Softball, etc).
- **KINE 2315 Individual Sports**
Individual Sports Skills course designed for the Health & Human Performance Major/minor. It includes the basic fundamental skills necessary to perform during Teacher Demonstrations in a majority of sports/activities taught in Elementary and Secondary schools: Each skill/activity will count for one checkmark (Exception 1.5 Mile Run-6 checkmarks)
- **KINE 3300 Theory of Football**
This course examines the study of leadership theories and their application to the development of leadership skills. The context of leadership will be described in an in-depth presentation of leadership theory, a discussion of how it applies to real-life situations and the development of individual leadership skills.
- **KINE 3314 Teaching Movement Arts**
Developmentally-appropriate curriculum selection, instructional methods, and management techniques to enable young learners to acquire the knowledge, skills, and attitudes necessary to continue engaging in dance and other movement arts for a lifetime.
- **KINE 3315 Adv Sports Skills**
Instructional methods, study, and assessment of advanced sport skills related to team sports and individual sports. Instruction will be both theory based and practical in nature.
- **KINE 3330 Coaching of Sports**
Study of the coaching profession as a multi-dimensional role in education. Course includes study of the psychological and sociological aspects of coaching, use of coaching strategies, organizing practices and games, communication with school, parents, and the media and the ethics of coaching. The use of technology in coaching will also be examined.
- **KINE 3340 E & MS Kine Activities**
This course focuses on motor skill acquisition and knowledge and safety issues in selected elementary and middle school activities (i.e. movement education. Students will demonstrate knowledge of Elementary and middle school physical education activities.

College of Health Affairs

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- **KINE 3341 Princ of Conditioning & Fit**
The Principles of Conditioning and Fitness course is designed for those students wishing to enter the teaching profession. Students will be introduced to a skill set which can be utilized to develop sound, age appropriate fitness and wellness objectives as well implement and evaluate those objectives. Students will also learn how to administer the FitnessGram and be introduced to lesson and unit plan development.
- **KINE 3342 Lifestyle Management**
Behavioral constructs related to establishing and maintaining personal, commercial, corporate or clinical based exercise programs. Emphasis on strategies for tailoring physical activity, increasing adherence, and reducing attrition through incorporation of psychological models
- **KINE 3344 Sports Officiating**
This course explores communication training and development as a research and teaching focus for students interested in applied communication. Specifically, the course provides students with opportunities to identify and assess communication competence, to acquire the skills needed for developing training programs, and to gain an understanding of the theoretical and applied elements of adult education.
- **KINE 3352 Care, Treat, & Prevent Ath Injury**
This course will explore the art and science of effectively preventing and managing athletic related injuries. In addition, this course is designed to facilitate recognition and discussion of athletic injuries. Emphasis will be on the understanding of the role of the coach or teachers as part of the athletic training team. The course is designed to familiarize the coach/physical educator with the basic concepts of athletic training. This course will offer a general perspective on a larger body of knowledge, which is Athletic Training.
- **KINE 3353 Physiology of Exercise**
Advanced concepts in the conditioning of muscular strength, endurance, and power are taught. Exercise prescription for health-related fitness for the general public is detailed as well as prescription for athletic performance. In addition, the theory and use of periodization, plyometrics, and interval training for sports are covered.
- **KINE 3354 CPR for Prof Rescuer**
Knowledge and skills necessary to provide care in respiratory and cardiac emergencies. The skills include performing two-rescuer CPR and techniques for special rescue situations, using resuscitation masks and bag-valve masks for ventilating victims, and the proper use of an Automated External Defibrillator (AED). Prerequisites: Junior or senior standing.
- **KINE 3355 Health & Motor Development**
This course focuses on physical education program development for early childhood through 6th grade. Theory and implementation of developmentally appropriate activities will be addressed.
- **KINE 3360 Exercise Testing & Prescript**
The purpose of this course is to introduce the exercise science student to the proper assessment, interpretation, and application of various exercise tests and then prescribe an appropriate exercise program to meet the needs of a client. Topics to be covered will include a review of cardiovascular and metabolic responses to exercise; pre-test screenings; ACSM guidelines to exercise testing & prescription; contraindications to exercise testing; body composition and weight management; and exercise programming for special populations. This course is designed to prepare exercise science students for the American College of Sports Medicine's Certified Exercise Physiologist certification.
- **KINE 3365 Physio & Tech Strength/Power Fit**
A practical study of the procedures used in handling psychological data including descriptive statistics, central tendency, variation, correlation and inference. Equivalent Course
- **KINE 3368 Kinesiology Workshop**
This course is designed to give a student experience in research or in-depth study/readings in a substantive area not normally covered within standard courses. Course topics will vary according to student interest.
- **KINE 3370 Biomechanics**
This course is designed to introduce students to the fundamentals of mechanics as they relate to human anatomy and human movement. Basic college mathematics and physics knowledge will be applied to human anatomy and problem solving in a classroom setting. Students will receive information about biomechanical principles so that an effective analysis of movement will result. Physical education teachers, athletic coaches, occupational therapists, and physical therapists diagnose and remediate motor performance daily.
- **KINE 3379 Sports Marketing & Technology**
This course explores communication training and development as a research and teaching focus for students interested in applied communication. Specifically, the course provides students with opportunities to identify and assess communication competence, to acquire the skills needed for developing training programs, and to gain an understanding of the theoretical and applied elements of adult education.
- **KINE 4302 Kine Curriculum for Elem Stud**
This course focuses on knowledge and theory related to designing appropriate and optimal physical curriculum for young children. Emphasis will be given to curriculum development and implementation supportive of the Texas Essential Knowledge and Skills (TEKS) for elementary school students.
- **KINE 4309 Kine Curriculum for Sec Sch**
This course focuses on knowledge and theory related to designing an appropriate and optimal physical education curriculum for adolescents. Emphasis will be given to curriculum development and implementation supportive of the Texas Essential Knowledge and Skills (TEKS) for middle and high school students.
- **KINE 4310 Measurement Tech in PE & Sport**
The use, interpretation, evaluation and administration of valid tests in kinesiology. Also involves the application of elementary statistical procedures.
- **KINE 4321 Advanced Athletic Training**
Designed to provide the prospective student athletic trainer with a clinical approach to the various aspects of an athletic training environment including the prevention, care, and treatment of athletic related injuries.
- **KINE 4322 Rehab/Therap Modalit Ath Trai**
Designed to enable the student athletic trainer to assess, measure, and document various degrees of athletic related injuries; and subsequently, develop appropriate progressive rehabilitation/therapeutic modalities including strengthening, conditioning, flexibility, and neuromuscular development designed to enhance the repair and recovery of athletic injuries.
- **KINE 4323 Adapted Aquatics & Rehab**
This course is designed to provide students with current therapeutic, recreational, and educational, and adapted aquatic intervention techniques for individuals with mental, physical, sensory, and/or health-related impairments. Students will learn practical hands-on applications of adapted aquatics using theoretical models and best practices in the field.
- **KINE 4351 Adapted Kinesiology**
This is an undergraduate level course designed to provide the student with knowledge of current medical, educational, and research findings related to physical activity, sport and recreational pursuits for individuals with mental, physical, sensory, and/or health related impairments. In addition, a theoretical framework will be utilized to provide students a systematic approach to apply material to teaching and consulting situations.
- **KINE 4355 Pediatric Exercise Physiology**
The study of the advanced principles of human movement; scientific principles learned in the course will allow the student to understand how and why the human body moves in the manner that it does. The student will also learn to analyze biomechanical technique in numerous motor skills, as required in teaching and coaching complex movement.

College of Health Affairs

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- **KINE 4356 Motor Development**
A study of motor skills and physical development from birth to adulthood with emphasis on childhood. Course includes study of neurological, physiological, intellectual, social, and emotional factors that influence gross and fine movement activities
- **KINE 4360 Clinical Exercise Physiology**
Exercise prescription for special populations is covered. Clinical description of specific medical problems is presented as well as their potential impact on the exercise prescription.
Groups considered include those afflicted with diabetes, cardiovascular disease, metabolic syndrome, respiratory disorders, arthritis, cancer, HIV, and neuromuscular disorders.
- **KINE 4370 Manag in Exerc & Health Promo**
Applied knowledge for the operation of fitness centers emphasizing the development of practical skills for management, equipment acquisition, and staffing of commercial, corporate, and clinical centers.
- **KINE 4375 Motor Learning**
This course focus on the principles of motor learning as applied to the teaching of physical education, and the coaching of sport skills. Factors taking into considerations when structuring the effective learning environment are learners' characteristics, structuring practice environment, providing effective feedback during skill acquisition, and assessing motor learning. Threading topic throughout the course will include an analysis of learning vs. performance and the structuring of an effective learning environment.
- **KINE 4402 Kine Curriculum for Elementary Students**
This course is designed for students seeking Texas teaching licensure in Physical Education. Content in this course will prepare students to design and implement a quality physical education program for elementary school students. In addition to developing the knowledge and skills to select and implement developmentally appropriate activities for children, students enrolled in the course will also develop an understanding of curriculum design, public school policy and procedures (as related to P.E.), as well as national standards and guidelines affecting physical education.
- **KINE 4409 Kine Curriculum for Secondary School**
This course focuses on knowledge and theory related to designing an appropriate and optimal physical education curriculum for adolescents. Emphasis will be given to curriculum development and implementation supportive of the Texas Essential Knowledge and Skills (TEKS) for middle and high school students

SCHOOL OF REHABILITATION SERVICES & COUNSELING

- **REHS 2301 Intro to Rehabilitation**
This class is an introduction to the field of human rehabilitation. An overview of the lives of people with disabilities as well as available resources to assist these individuals is provided. Rehabilitation professions and specialties are discussed.
- **REHS 2321 Intro to Addictions**
The goals of this course are to provide and introduction to the history and etiology of substance abuse. To learn about psychoactive substances and their psychological and physiological effects along with the relationship between heredity, and environment. In this course you will examine and learn about rehabilitation through various treatment modalities and forms of prevention. You will become familiar and learn about vocational, social, familial, and personal implications of substance abuse.
- **REHS 2331 Psych of Disability**
The purpose of this course is to provide students with an increased understanding of the psychological and social aspects of adjustment and adaptation to disability experienced by persons with disabilities, many of which are experienced by people with mental and physical disabilities. This course will examine the personal and familial issues experienced as people and their families learn to cope with the disability.
- **REHS 3303 Case Management I**
The purpose of this course is to provide a basic overview of the roles of rehabilitation practitioners in the areas of counseling, service arrangement, program monitoring, placement, ethical decision making, and caseload management for persons with disabilities. Ethnic and cultural considerations, family involvement in the rehabilitation process, and rehabilitation services in a managed care system will also be provided.
- **REHS 3311 Disability Policy & Advocacy**
This course provides an overview of legislation and policies (both federal and state) that impact people with disabilities and the rehabilitation profession. Legislation covered includes the Rehabilitation Act of 1973, Independent Living Movement, Individuals with Disabilities Act (IDEA), Social Security Act, and the Americans with Disabilities Act (ADA). Advocacy, including self-advocacy, necessary for personal thriving and global change will be explored.
- **REHS 3315 Hearing Disorders & AT**
The course includes a basic orientation to sound, anatomy and physiology of the human hearing mechanism, pathology of hearing, impact of age of onset, with an emphasis in pure tone and speech discrimination. Extensive training in types of hearing losses, techniques and technology used in aural rehabilitation and other aspects of vocational rehabilitation services for the deaf and hard of hearing are provided.
- **REHS 3320 Family & Disability**
This course is designed for counselors, teachers, agency personnel, nurses, and others who are involved with families. This course will assist students in understanding the concept of family in general. The course will also focus in the issues of families dealing with a member who has a disability, the unique needs of those families and the impact of that person with a disability has on the family as well as the issues faced by the person with the disability.
- **REHS 3325 Medical Aspects I**
In this class students will be challenged to think "outside the box". This process will involve applying psychological principles and theories to controversial topics and discussing these topics in class. Your beliefs and views on topics will be challenged in order to enhance your critical thinking skills. You will learn how to utilize scientific evidence (psychological, sociological, anthropological, biological) and historical evidence to support your views on various topics. The topics discussed are for educational purposes and do not necessarily reflect the opinion or views of the instructor.
- **REHS 3330 Medical Aspects II**
This course focuses on the development of intakes and interviewing, intervention, case recording, and caseload management skills that are critical for case history development, program planning, and goal accomplishment, and client program evaluation within the rehabilitation process. These concepts are applied through practical experiences, both inside and outside the classroom. Analysis of the Individual Rehabilitation Plan and review of client case records will be given emphasis. A detailed description of particular high-risk populations will be provided so as to introduce students to some of the unique difficulties, considerations, and issues that confront individuals in these high risk populations and those who work with them. Legal, ethical, and multicultural issues in service delivery will be explored.
- **REHS 3331 Psych of Disability**
This course provides an overview of the psychological aspects of disability. This course also includes an overview of research findings, describes major disability groups, and the psychological processes that are observed in people with disabilities as they react and adjust to their disabilities. Disability groups will include sensory impairments, major neurological and muscular conditions, cardiovascular and endocrine system disorders, digestive system disorders, developmental and learning disabilities, mental retardation and major psychiatric conditions.
- **REHS 3340 Inter Aspect Addic Stud**
This course focuses on the cultural, ethical, legal, biological, neurological, psychopharmacological and familial aspects of addiction. Principles of drug action, drug classification, variables of drug responses, and psychiatric issues, including dual diagnosis, will be addressed.

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- **REHS 3345 Lifespan & Disability**

The purpose of the course Human Growth and Development is to introduce the student to the different periods in the lifespan of a human being from birth to death. The course emphasizes an understanding of important methods, terms, theories, and findings in the field of developmental psychology. The course will examine possible causes or sources of developmental change focused on a primary normative development. Special attention will be provided on disability-related issues as they impact human growth and development
- **REHS 3350 Prevention of Addictive Behav**

This course is designed to help students gain an understanding of substance use and abuse prevention as well as the prevention field as a whole. Upon successful completion of the course, the student will be able to identify risk and protective factors of substance abuse; demonstrate an understanding of community-based prevention strategies; identify elements of an effective prevention program design; understand commonly used prevention curriculum-based prevention programs; and be knowledgeable of prevention resources & programs – locally and nationally.
- **REHS 3380 Current Iss Add Stu**

Emerging trends and issues related to the profession of addiction counseling are explored through the use of up to date literature. This includes the current context of the profession as well as its historical roots. The course is dedicated to prepare students to become critical consumers of professional literature and address ever-changing concepts such as codes of ethics and program funding.
- **REHS 4301 Assnt in Human Srvc**

This course will focus on the assessment of people with disabilities within the rehabilitation process. Students will be oriented to vocational evaluation, psychometrics, behavioral observations, work samples, situational assessments as well as modifications in assessment techniques needed to effectively evaluate people with disabilities.
- **REHS 4302 Job Placement**

This course includes a study of job placement theories, approaches, and techniques. The student will be introduced to the vocational implications of disability and typical benefit systems (Worker's compensation, SSDI). Job seeking skills, labor market surveys, job analysis, resume writing, and transferable skills analysis are some of the skills that are taught. Employer concerns about hiring people with disabilities will also be addressed
- **REHS 4303 Case Management II**

Advanced case management skills and techniques such as interviewing, case history development, and program planning within the rehabilitation process will be taught. IPE development and reviews of client case records will occur in an applied, supervised environment. Legal and ethical issues in service delivery will be addressed.
- **REHS 4305 Case Mgmt Span Spk Client**

The purpose of this course is to provide a general understanding and practical development of case management skills required for service delivery to Spanish speaking clients. This course focuses on the development of intake interviewing, intervention, case recording, and caseload management skills. These concepts are applied through practical experiences, both inside and outside the classroom. The course will emphasize service delivery for the Latino/Hispanic client, specifically the bilingual and Spanish speaking client. Bicultural issues in service delivery will be explored, as well.
- **REHS 4310 Rehabilitation Research**

The purpose of this course is to provide an overview of statistical concepts and research methods to help the student in developing the required research skills that are needed for effective practice and contributions to the field of rehabilitation counseling. Alternative research methods in rehabilitation including both quantitative and qualitative will be addressed, with an emphasis on ethical issues affecting the data collection and analysis, and reporting.
- **REHS 4315 Psy-Soc Aspects Deafness**

This course provides an introduction to the field of Deafness from an applied psychological perspective. The effect of Deafness on a wide range of psychological processes, including sensory, perceptual, cognitive, social and linguistic aspects will be reviewed. Applied topics to be covered include: issues in health and mental health, literacy, bilingual/bicultural aspects, mainstreaming, residential schooling, and cultural perspectives on Deafness. The psychosocial impact of technology and rates of adoption - including recent advances in telecommunications, applications of visual and auditory assistive devices such as the cochlear implant will also be reviewed.
- **REHS 4320 Spec Pop in Add**

This course analyzes the phonetic and phonological systems of the Spanish language. Taught in Spanish.
- **REHS 4340 Clinical Issue Addict Stdy**

This course focuses on the cultural, ethical, legal, biological, neurological, psychopharmacological, and familial aspects of addiction. Principles of drug action, drug classification, variables of drug responses, and psychiatric issues, including co- occurring disorders, will be addressed.
- **REHS 4345 Culture & Addictions**

The course overviews diverse populations in order to present the impact of family, culture, and society upon substance use and abuse. Evaluation, treatment, prevention, and intervention techniques and practices will be addressed. Legal and ethical aspects related to diverse populations who have addictions will be explored
- **REHS 4350 Special Topics in Rehab**

This course is designed to provide practical information on all aspects of grant writing. Students will be exposed to searching for funding options, reading and analyzing requests for proposals, conceptualizing the project, developing a team, writing the proposal, the peer review process, and the awarding process.
- **REHS 4355 Multicultural Issues in HS**

This course provides students with an overview of the role of diversity (culture, race, age, gender, sexual orientation, etc.) in society and human service settings, especially in relation to professional practice, in order to prepare them to work with clients/consumers from diverse cultural, ethnic and other groups. Students will learn about and develop an awareness of their own and others' values/beliefs/behaviors, shaped by culture and other factors, and the interplay of these different values in shaping society and rehabilitation outcomes.
- **REHS 4365 Princ of Add Coun**

This course is designed as an introduction to a variety of clinical approaches to addiction counseling. Explores evidence- based methods of counseling services and theories of individual and family counseling. Course learning will include familiarity with the American Society of Addiction Medicine's (ASAM) placement criteria and Motivational Interviewing.
- **REHS 4370 Add Coun Skills**

This is an undergraduate level course designed to provide the student with knowledge of current medical, educational, and research findings related to physical activity, sport and recreational pursuits for individuals with mental, physical, sensory, and/or health related impairments. In addition, a theoretical framework will be utilized to provide students a systematic approach to apply material to teaching and consulting situations.
- **REHS 4380 Animals in REHS**

This course is an introduction to the human-animal health connection and its therapeutic applications. It is designed for students in a wide variety of fields who wish to further their knowledge and explore career opportunities in this emerging, multi-disciplinary field. Students will examine how contact with animals can enhance human health and well being when incorporated into rehabilitation, health care, social services, psychology, education, physical, occupational and speech therapy, and many more fields. Students will learn to protect the rights of the animal in accordance with nationally endorsed standards of care for the inclusion of animals in therapeutic settings.

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● REHS 4385 Psych Rehab & Disability

This course will provide an overview of the scientific study of mental illness and related psychiatric disabilities. The course will cover basic concepts and definitions of psychiatric disability, historical perspectives on psychiatric disability, different theoretical models of psychiatric disability, the assessment and diagnosis of mental illness, and research methods for studying mental disorders. The course will examine the leading categories of mental disorders among adults, adolescents, and children, including the description and classification of these disorders, the leading theories and evidence explaining their etiologies, and some of the treatments for these disorders. Legal and ethical issues pertaining to the assessment and treatment of mental illness will be discussed, as well as the role of culture and diversity in assessment and treatment.

SCHOOL OF SOCIAL WORK

● SOCW 2361 Intro to Social Work

Traces the philosophy and historical development of social work, reflecting its social welfare European roots and its historical evolution in America. A general overview of the social work profession, functions and services as they relate to various fields of practice will be studied

● SOCW 2362 The Social Welfare Institution

This course emphasizes the social welfare institution, its laws, societal responses and parallel social work services. Specific welfare legislation and programs that impact the profession of social work will be examined.

● SOCW 2375 Statistical Methods

The aim of this course is to provide a general overview of legal translation. This means the course will cover translation practices, techniques, and specialized terminology when translating texts of legal nature—in its broadest sense—from English into Spanish and vice-versa. Several text types will be handled. The course will include an analysis of legal language in English and Spanish.

● SOCW 3314 Soc Welfare Policy & Programs

The course examines economic, political, intellectual, socio cultural, leadership, values and ideologies and other such factors that shape social welfare policy, programs and services. Addresses various frameworks for studying social policy and examines the roles of policy-makers, process of social change and the role of the social worker as a facilitator of change

● SOCW 3321 Human Behavior & Soc Envr I

This course presents an overview of theories that form social work practice with individuals and families. There is a strong emphasis on application of theory to practice

● SOCW 3322 Human Behavior & Soc Envr II

This course focuses on the reciprocal relationships between social environments and human behavior within large social systems. Theoretical and empirical perspectives are used to analyze the impact of the natural and physical environments, social structure, social institutions, communities, and formal organizations on the well-being of diverse, at-risk, and vulnerable populations. The course emphasizes processes of social change to challenge the inequitable distribution of power and resources

● SOCW 3323 Social Work Practice I

Through classroom and skills lab, the student will have the opportunity to examine some of the necessary knowledge, values, and skills upon which problem-solving is based. The student will also have the opportunity to learn the generalist approach to practice

● SOCW 3361 Child Maltreatment

Explores all facets of child maltreatment. It covers the tenets of child protection, major types of child maltreatment, factors contributing to child maltreatment, and the relationship between child maltreatment and child protective services. Moreover, the course examines federal and state laws and the role of the court system for providing intervention and social services in the prevention of child maltreatment.

● SOCW 3364 Social Work Values and Ethics

This course is designed to examine social work values in the context of ethical decision making in social work practice. Students will learn to apply principles, techniques and tools that can be used for ethical assessment and decision making. They will learn to recognize ethical issues in social work practice and will examine how values affect decision making. They will learn to consider competing arguments in resolving ethical dilemmas as well as the strengths and limitations of their own position in order to reach thoughtfully reasoned conclusions.

● SOCW 3395 Environment and Wellbeing

A variety of methods to assess macro social systems are studied and experiences are provided to develop macro assessment skills. This includes frameworks for community assessment, organizational assessment and use of standardized measures for documenting organizational functioning. The course teaches community asset mapping, sustainability assessment, and traditional community needs assessment methods.

● SOCW 4301 Social Work Practice II

This course is designed to provide social work students with knowledge of direct practice with families and small groups using the problem-solving approach. Students will have the opportunity to selectively use concepts and techniques from various models, e.g., systems perspective, psychosocial theory, behavior modification, and family-focused work as frameworks to develop strategies in clinical and cross-cultural intervention

● SOCW 4302 Social Work Practice III

This course provides students with knowledge of direct practice with communities and large organizational systems. Students will have the opportunity to learn how to apply the problem-solving process to bring about social and economic justice.

● SOCW 4311 Research

Students are expected to gain an understanding of the major concepts used to discuss research, including its interpretation in the social sciences and its application in Social Work practice. Students are engaged in learning important terms and frameworks underlying research while expected to gain an understanding of research methods and procedures for Social Work practice. The learning in this course is also arranged so that students gain knowledge about planning, designing, and implementing social research and experience in evaluating Social Work practice and research.

● SOCW 4321 Domestic Violence in Society

This course will examine the phenomenon of domestic violence. Students will have the opportunity to study family structure in which violence occurs, the range of abuse (from verbal to homicide) and its extent in society and the various attitudes toward it. Understanding of the basic theories, identification of support services and systems for victims of domestic violence and development of basic communication skills for assisting the victims will be expected of the student

● SOCW 4619 Field Education Block

This course requires a minimum of 480 hours in increments of 32 hours per week of agency field site experience in established and affiliated social agencies or community settings under joint supervision of the agency social worker and a Department of Social Work faculty member

● SOCW 4353 Integrative Field Seminar

This course investigates U.S. racial and ethnic history after World War I. It focuses on themes and issues such as Jim Crow, the international reputation of the U.S., criminal justice, legislative reforms, white backlash, "color blindness," civil rights protests, and inter- and intra-racial unity and division, among other topics.

● SOCW 3333 Spec Topics in Soc Work

This course examines humans' interactions with the natural environment and focuses on the contributions of the natural environment to human well-being and the impact of human-induced environmental degradation on human health and welfare. Emphasis is given to the disproportionate environmental risks incurred by vulnerable populations, to the global movement for food sovereignty and sustainable agriculture, and to environmental justice movements among people of Mexican descent.

College of Health Affairs

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COMMUNICATION SCIENCES & DISORDERS

- **COMD 1310 Beginning Sign Language**
This course is an introduction to the basic skills needed in the production and comprehension of American Sign Language (ASL). Course work includes focus on the manual alphabet, numbers, conversational skills, culturally appropriate behaviors, and ASL grammar. Emphasis in the course is upon acquisition of both comprehension and production skills and knowledge of the deaf community interaction.
- **COMD 2310 Intro to Speech-Language Pathology**
The purpose of this course is to introduce students to the scientific study of human communication and its disorders, and to provide an introduction to the profession of speech-language pathology. The readings and lectures will provide overviews of the systems of speech, language and hearing and a basic understanding of the nature and treatment of communication disorders across the lifespan.
- **COMD 3315 Anatomy & Physio Mech**
A detailed study of the anatomical and physiological structure and function of the speech and hearing mechanism.
- **COMD 3330 Articulation Development**
The course is a study of the theories of normal articulation and phonological development with emphasis on the practical applications of theory.
- **COMD 3340 Audiology I**
Basic orientation to audiology including physics of sound, anatomy, and physiology of the hearing mechanism, pathology of hearing, and evaluation of hearing, which includes emphasis on pure tone and impedance audiometry.
- **COMD 3355 Surv of Neuro Disorders**
An integration of social, economic, and political history of the United States with attention to geographical influences. The approach is by looking at problems that move chronologically from Reconstruction to the present.
- **COMD 3360 Neuroanatomy & Physiology**
The course is a study of the structure and function of neuroanatomical parts that contribute to production and perception and processing of speech and language.
- **COMD 4310 Beh Manag for Speech-Lang Path**
The course is a practical study of behavior management as it relates to and underlies speech and language intervention procedures.
- **COMD 4330 Audiology Rehabilitation**
The course presents methods and techniques utilized in the aural (re)habilitation of individuals who are hard of hearing and deaf.
- **COMD 4350 Clinical Applications**
This course is designed to provide exposure to speech-language pathology in various settings, analysis of client assessment and treatment profiles, and journal research. This course may include observations, volunteer work in schools, or health care settings, or assisting in the therapy process.
- **COMD 4360 Lang Disorders in Child I**
The course is a study of the characteristics of language development in children at risk. A sampling of three to five special populations will be presented. Students will be introduced to basic techniques for the clinical management of children with language disorders.
- **COMD 4365 Speech Disorders**
An integration of social, economic, and political history of the United States with attention to geographical influences. The approach is by looking at problems that move chronologically from Reconstruction to the present.
- **COMD 4380 Clinical Problem Solving**
The course is an orientation to the basic principles fundamental to clinical practice Speech-Language Pathology.
- **COMD 4390 Princ of Speech Lang Pathology**
The course is a study of diagnostic techniques and specific testing instruments utilized in the evaluation of articulation and language disorders.

College of Engineering & Computer Science

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MANUFACTURING ENGINEERING

- **MANE 1204 Manuf Engineering Graphics**
An introduction to computer-aided modeling of solid objects and graphical communication using the conventions of engineering drawings including dimensioning and tolerancing. Students will use industrial software to make computer models of solids and assemblies.
- **MANE 3337 Engineering Economics**
This course focuses on application of economics and decision theory to engineering alternatives in planning, developing, constructing and managing engineering projects. Topics discussed include: discounted cash flow mechanics, economic analysis, management of money and economic decisions including inflation and utility theory.
- **MANE 3364 Manuf Processes**
This is an introductory course in the manufacturing processes that are used to make both discrete and continuous mechanical products. The physical principles underlying the manufacturing processes will be discussed. The students will become familiar with the commonly used manufacturing processes, understand the effects of manufacturing processes on the properties of materials, and develop an understanding of how a select materials and develop the manufacturing plan to make a product.
- **MANE 4173 Prod Design & Mass Cust**
Customer-driven fast innovation is the fundamental process underlying the success of engineering of the future. This course is designed to help students understand the fast innovation strategies that lay the foundation for the sustained competitiveness of US manufacturing industry. Through this course, student will learn service differentiation, fast innovation process, and disruptive innovation. Students will also learn how the design process and fast innovation project management are conducted by dispersed international engineering teams
- **MANE 4331 Manuf Planning & Control**
A capstone course covering the principles of manufacturing process and plant design and control emphasizing the interrelationship between product design, process design and the firm's operating plan. Computer models will be used extensively.
- **MANE 4340 Operations Research**
An introduction to basic concepts in mathematical modeling, stochastic processes, linear programming and optimization. Applications include inventory system and control, plant location and network analysis.
- **MANE 3101 Proj in Manuf Engineering I**
This course is intended to provide students with longer scale projects in manufacturing and industrial engineering, with an emphasis in research. The projects vary in nature, and can be individualized according to the student's interest. Alternatively, supervised technical employment in industry or government as an engineering intern or as part of a cooperative program.
- **MANE 4361 Senior Design**
This course is designed to provide a real life experience of solving complex engineering problems that need resources, team work, and application of scientific and engineering principles. Since the projects must be finished in a timely manner and presented to a professional audience, professional attitude and behavior are required during the course. At the end of the course students are expected to develop problem solving skills to define a real life problem in engineering terms and develop a realistic solution within the constraints of given resources.
- **MECE 2301 Statics**
An introduction to human biological and cultural evolution, hominid morphology, human variation and prehistoric development, done in the context of historical development, and multiculturalism using appropriate scientific methodologies and theoretical bases.
- **MECE 2335 Thermodynamics I**
Classical thermodynamics with primary emphasis on application of the first and second laws of thermal systems.
- **MECE 2340 Engineering Materials**
Introduce the fundamental concepts of materials science and the principle mechanical and physical properties of engineering materials including metals, polymers, and composites.
- **MECE 2350 Num Methods for Engineers**
This course is designed to provide students with the knowledge about gender development from infancy through adulthood, including the many similarities and differences among physical educational/employment, and interpersonal experiences of men and women during each stage of life.

College of Engineering & Computer Science

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- **MECE 3320 Measurement & Instrumentation**
The purpose of this course is to provide a well-founded background in the theory of engineering measurements. The aim is not to offer a tutorial for instrument construction and assembly, but rather to develop concepts and decision bases for the design and assessment of measurement systems and on interpreting the results obtained from such systems. Integrated into the course are the necessary elements for the design of measurement systems and measurement test plans, with an emphasis on the role of statistics and uncertainty analysis in design.
- **MECE 3360 Heat Transfer**
A study of ecology, distribution, adaptations, physiology, systematics, and evolution of freshwater and marine fishes, with an emphasis on local forms. Laboratories will stress identification and other practical applications of modern ichthyological techniques.
- **MECE 3370 Rock Properties**
Covers the fundamental properties of reservoir including porosity, elastic properties, compressibility and rock stress, acoustic properties, electrical properties, relative and effective permeability, fluid saturations, wettability, capillary characteristics, and rock-fluids interaction.
- **MECE 3450 Mech Engineering Analysis**
The course offers engineering students an in-depth look into the following topics: first-ordered ODEs, second-order linear ODEs, higher order ODEs and system of ODEs; series solutions of ODEs and special functions; Laplace transforms; Fourier series, integrals, and transforms; partial differential equations (PDEs); and numerics for ODEs and PDEs.
- **MECE 4325 Composite Material Design**
An introduction to the theory of mechanics of solids for elastic and viscoelastic composite materials. Emphasis on analysis and design of structural laminate composite including failure mechanism, e.g., fatigue, delamination and dynamics of composites including effective moduli and material damping.
- **MECE 4329 Introduction to Nanotechnology**
This course is designed to provide students with knowledge of structure, properties, systems, and tools related to nanotechnology and nanoscience as well as to study the wide variety of technologies and potential applications that fall under the nanotech umbrella. Students in this course will apply chemistry and physics knowledge such as atomic structure, chemical bonding and reactions, molecules and phases, quantum mechanics, and crystal structure to nanotechnology analysis.
- **MECE 4333 TP in ME: Computatnal Fluid Dyn**
Intermediate topics in the Mechanical Engineering disciplines will be presented. The topics will be changed by demand.
- **MECE 4350 Machine Elements**
Stress and deflection analysis, failure theories, design of machine elements for static and fatigue strength, and design of welded and bonded connections and computer modeling applications.
- **MECE 4361 Senior Design Project I**
This course is a preparation for a capstone design experience drawing from all previous coursework and involves engineering analysis methods, problem definition, assumptions and testing and reporting results. Classroom discussions will consider professional responsibility, ethics, technology and society, team building and lifelong learning. The project to be undertaken in Senior Design Project II (MECE 4362) will be selected, and a final design concept generated. The laboratory associated with this course will involve implementation of design methodologies and engineering science into a real-world design.
- **MECE 4370 Drilling & Completion Eng**
Introduction to various drilling systems and processes including: drilling rig components, hydraulics, bits, fluids, cutting transport, oilfield pipe, pressure loss calculations, casing, well cementing, perforating, oilfield tools for completion, well control and safety, and directional drilling. Course includes the design of comprehensive and balanced pressure systems that considers safety and ethical responsibilities in terms of minimizing environmental issues like fluid loss, formation damage and kick incidents. Examines the impact of financial conditions on drilling and completion activities and compares international operations within their environmental and societal contexts.
- **MECE 4371 Production & Reservoir Eng**
Fundamental concepts of production and reservoir engineering, with focus on evaluation and optimization of oil and gas well production and understanding of reserve estimation and enhancing recovery factors. Production engineering design will include well deliverability, formation damage analysis and technologies to improve flow to surface (artificial lift and well stimulation). Reservoir engineering concepts will be material balance methods (reservoir flow models), aquifer models and recovery mechanisms, fractional flow and frontal advance, and design of optional secondary and tertiary recovery processes. A design project on reservoir calculation and production determination will be given.
- **MECE 4372 Natural Gas Engineering**
Introduction to global natural gas supply and demand, international gas trade and infrastructure, gas policy, regulation, safety, and environmental issues. Also covers the engineering aspects of gas processing, storage, and pipelines with some coverage of the economic aspects of gas trading and marketing, gas utilization, LNG processes and chemicals markets.

CIVIL ENGINEERING

- **CIVE 2240 CE Materials**
This course is an introduction to various construction materials used in development of infrastructure. These materials include aggregates (sand & gravel), concrete, mortar, brick, wood and asphalt.
- **CIVE 3315 Fluid Mechanics & Hydraulics**
During this course the students will explore natural resources, with special emphasis on new solutions to problems of resource scarcity and conservation. During this course the students will learn about energy, water, air, and food resources conservation. Economic, demographic, and political issues are considered as they affect natural resources.
- **CIVE 3321 Mechanics of Materials**
This course introduces the relations between forces and deformations in solid bodies. The topics include the concepts of stress and strain, formulas for stresses and displacements in axial, torsional, and bending members, shear force and bending moment diagram, statically determinate/indeterminate members, stress transformation, Mohr's circle, and failure theories.
- **CIVE 3331 Environmental Engineering**
The course covers topics of engineering and the environment, human impacts on environment and health risks, environmental legislation and regulation, mass balances, water cycles and budget, groundwater hydrology, contaminant transport and remediation, water treatment, wastewater treatment, water quality management, solid waste management, low impact development, meteorology, and air pollution and treatment.
- **CIVE 3345 Transportation Engineering**
Fundamental principles and methods in planning, design, and operation of transportation systems; highway geometric and pavement design principles; geometric design of intersections; traffic analysis and transportation planning; level of service and signalized intersections; fundamental concepts for performing traffic safety analyses.
- **CIVE 3475 Geotech Engineering and Applic**
As Scheduled Exploration, sampling, and in-situ measurements; laboratory testing; review of fundamental properties of soil and rock; flow through porous media; the effective stress principle and computation of in-situ stress distributions; shear strength of soils and one-dimensional consolidation settlement; introduction to slope stability.

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- **CIVE 4315 Applied Hydrology**
Hydrology is an earth science. It encompasses the occurrence, distribution, movement, and properties of the waters of the earth. The class covers topics of hydrologic cycle, precipitation, hydrologic abstractions, surface runoff, unit hydrographs, synthetic hydrographs, peak discharge relationships, flood frequency analysis, flood and reservoir routing, groundwater hydrology, probability distribution, hydrological design, and urban storm drain systems.
- **CIVE 4335 Water and Wastewater Treatment**
In this course, we will learn the municipal water and wastewater treatment system. The course covers topics of materials and energy balances with reactors, water treatment operations, coagulation and flocculation, sedimentation, filtration and disinfection, wastewater microbiology, wastewater generation characteristics, wastewater treatment operations, biological treatment, activated sludge systems, biological treatment, and alternate systems.
- **CIVE 4347 Foundation Design**
As Schedule Design of footings, mats and slab-on-grade; earth pressures and design of retaining walls, piles and drilled piers, soil improvement and ground modification; pre-stressed slab design.
- **CIVE 4348 Highway Engineering**
Theory and practice in highway design; advanced concepts of the design of streets and highways; highway classification and design criteria; location studies; advanced concepts of the design of vertical and horizontal alignment; intersections and highway drainage elements design criteria; theory and practice in pavement design; pavement performance; structural design of pavement layers; types of materials used in pavement layers; characterization of pavement layer materials; introduction to pavement management concepts.
- **CIVE 4349 Construction Planning & Management**
This course focuses on planning, managing, scheduling and control of construction projects. Topics include management functions, network techniques, equipment selection, management and operation, construction financing, bidding strategy, risk assessment, cost control and projection, and sustainable construction and green building.
- **CIVE 4352 Earthwork Engineering & Design**
The class will cover advanced topics of shear strength, steady state seepage, effective stress, ground modification and improvement, soil stabilization, chemical additives, geosynthetics, and drainage systems.
- **CIVE 4391 CE Senior Fundamentals**
This course is the first in a two course sequence of the capstone of the undergraduate civil engineering program. As such, it covers all expected learning outcomes of a Civil Engineering education. Students are expected to work in teams to select, research, design, and document a comprehensive project. The goal of this course is to provide students the experience of developing a project which closely mimics what they will face in their professional life.
- **CIVE 4392 CE Senior Project**
This course is a continuation of CIVE 4190. Students will take lectures of composing project proposal, project planning and management skills, and presentation techniques. In addition, student will conduct a comprehensive engineering design of the concept generated in CIVE 4190, and report on the results. Periodic progress reports and final oral and written reports will be required. Synthesis using past coursework and outside reference material, field works, e.g., land survey and monitoring, and building model will be expected.

COMPUTER SCIENCE

- **CSCI 1370 Engineering Computer Science I**
An introduction to computer science and computer engineering. The fundamentals of a high-level programming language will be introduced. Methods of problem solving, techniques of algorithmic development and concepts of procedural and object-oriented programming will be emphasized. Societal and social issues related to computer science/engineering will be introduced.
- **CSCI 1380 Computer Science I**
An introduction to computer science and computer engineering. The fundamentals of a high-level programming language will be introduced. Methods of problem solving, techniques of algorithmic development and concepts of procedural and object-oriented programming will be emphasized. Societal and social issues related to computer science/engineering will be introduced.
- **CSCI 2344 Prog in UNIX/Linux Envr**
The course presents the UNIX file system, the commonly used utilities, editors, shell programming and scripting. It includes instruction in software development in the UNIX/Linux environment. In addition, a brief overview of the internal components of the operating system will be covered.
- **CSCI 2380 Computer Science II**
A second programming course. Includes problem solving by structured design; provides an introduction to elementary data structures, including linked lists, stacks, queues, trees and graphs, and advanced programming techniques, including recursion, sorting and searching.
- **CSCI 3333 Algorithms & Data Structures**
This course will provide students with: an opportunity to explore teaching in science or mathematics as a career; early field experiences in teaching; and an introduction to the theory and practice that is necessary to design and deliver excellent instruction.
- **CSCI 3334 Systems Programming**
This course will introduce the critical importance of soils in sustaining life on land and maintaining food production capabilities. As overview of basic soil science concepts will be followed by an introduction of ecological principles that define below ground ecosystem functioning. We will also explore soil degrading processes, and approaches for restoring and conserving soils.
- **CSCI 3340 Software Engineering I**
This course is an introduction to the practical problems of specifying, designing, building, testing, and delivering reliable software systems. It includes (but not limited to) a large project in which students work in teams on projects for clients. This includes a feasibility study, requirements analysis, object-oriented design, implementation, testing, and delivery to the client. Additional topics covered in lectures include professionalism, project management, and the legal framework for software development.
- **CSCI 3341 Software Engineering II**
The course will cover the analysis of requirements and software architecture with a major emphasis on object design, implementation, testing and validation, maintenance and software re-engineering. Methods for evaluating software for correctness, and reliability, system testing techniques, testing tools and limitations of testing, Advance Software Engineering topics such as Design Patterns, Aspect Oriented Engineering, Interactive Design Methods, and Formal Specification are included. Students will work a large group projects.
- **CSCI 3342 Web Development**
Introduction to web application programming. Covers the fundamentals of developing applications for web browsers, including HTTP communication, client-side, server-side, and database components. Specific technologies and approaches are selected from the rapidly changing landscape to explore established paradigms.

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- **CSCI 4325 Automata Fromal Lang & Comp**
The course presents formal computation models. Topics include finite state machine, pushdown state machine, Turing machine, halting problem, definition and properties of formal grammars and their languages as well as theory of computability and complexity including the complexity of optimization and approximation problems.
- **CSCI 4333 Data Base Design & Implement**
Study of logical (hierarchical, network, relational) and physical (sequential, indexed, relative) organization of databases. Database management systems and their features, querying databases, distributed databases, and data compression.
- **CSCI 4341 Distributed & C. Cybersecurity**
In-depth study of specific issues in computer science. Subject matter varies from semester to semester.
- **CSCI 4390 Senior Project**
Students will construct a software product, following it through the stages from initial specification to the final completed project, including user manual.

ELECTRICAL ENGINEERING

- **ENGT 4210 Senior Project I**
A Capstone project spanning two consecutive semesters. The project includes the application of skills, knowledge, techniques, concepts in the design and manufacturing. Emphasis placed on project management, documentation and presentation.
- **ENGT 4220 Senior Project II**
A Capstone project spanning two consecutive semesters. The project includes the application of skills, knowledge, techniques, concepts in the design and manufacturing. Emphasis placed on project management, documentation and presentation.
- **ENGT 1201 Foundations of ET**
An introduction to Engineering Technology as a career. This course introduces students to skills and resources that will help them be successful in their academic and professional career. Topics include approaches to solving industrial problems, design and working as a member of a team.
- **ENGT 1320 Design Graphics II**
This course emphasizes the profitable conversion of product ideas to attractive products needed by customers. Students develop detailed design and operation plan for product manufacture. The objective of the course is to introduce the best practices used in industry to design and manufacture successful products. Students will learn to apply advanced CAD principles in product design.
- **ENGT 2307 Engineering Materials**
This course covers forming and classification of steel, cast iron, and non-ferrous materials. Topics include mechanical and physical properties, testing, alloying, selection, iron-carbon diagrams, heat treatment, polymers, composites, ceramics, electronic materials and nano-materials.
- **ENGT 2310 Manufacturing Process**
This course is an exploration of variety of manufacturing methods. Also covered are the processes including but not limited to metal forming, joining, machining, heat treating, casting, and additive manufacturing processes.
- **ENGT 2321 Basic Electronics**
This course is an introduction to the main concepts in Industrial Electronics including the function and application of devices, circuits, and systems in automated manufacturing and/or control processes. The concepts that will be covered include AC/DC circuits and signals, electronic devices, digital circuits, sensors, AC and DC motors, motor control circuits, microcontrollers, and devices for industrial applications.
- **ENGT 3301 Computer Numerical Control**
A study of CNC operations with an emphasis on programming and operations of machining centers. This will include Tooling and Production.
- **ENGT 3310 Fundamentals of Product Design**
Students will develop an increased knowledge for using major CAD systems to do engineering design. Students will learn about the creative end of product design and development, and about the other key ends of the business that are required to turn a creative idea into a real commercial product. Throughout the course, students will develop experience with business ideation, demand confirmation and resource specification for manufactured products.
- **ENGT 3312 Renewable Energy Technology**
This course is an introduction to renewable energy. Students will be able to describe the major renewable energy systems, namely solar, wind, geothermal, biomass, and hydropower. Students will learn electrical fundamentals of renewable energy systems, system controllers, inverters, generators, fuel cells, the electrical power grid and the smart grid. Students are expected to learn how to effectively assess and identify potential use of renewable energy sources. Case studies, local news, current research with an international perspective and a final project will be used to assess this skill.
- **ENGT 3330 Green Building Design I**
This course studies the methods developed for evaluating the environmental performance of buildings, by providing the students the fundamental sustainable design and green building practices and their implementation.
- **ENGT 4330 Green Building Design II**
This architectural engineering course studies the design of Commercial Structures, covering commercial green building construction methods/materials, design/detailing of steel and reinforced concrete structures, and foundation systems.
- **ENGT 4335 Project Management**
This course presents the specific concepts, systems, and technologies for managing projects effectively. The role of the project manager as team leader is examined together with important techniques for controlling project costs, schedules, and performance. Topics include planning, scheduling, CPM, PERT, cost estimation, resource allocation and time-cost trade off.

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SCHOOL OF BILINGUAL & LITERACY STUDIES

- **READ 3320 Early Literacy Development**
This course focuses on emergent literacy from oral language development to fluent reading and writing. Participants explore developmentally appropriate pedagogical strategies, practices, and assessments as they learn about graphophonic, semantic, syntactic, and cultural knowledge that diverse children, including student with dyslexia, build as they develop literacy in and out of schools. Included are skills like the alphabetic principle, phonological awareness, and word analysis.
- **READ 3324 Reading Comp & Assessment**
This course examines theories, issues and culturally-relevant instructional practices and assessments related to how children actively construct meaning from fiction and nonfiction print and digital texts across all content areas. Participants explore reading comprehension, including assessment, fluency, vocabulary instruction, digital literacies, building and accessing background knowledge, genre organization, and critical analysis of multimodal texts.
- **READ 3350 Lit & Disc Learn Elem Sch**
This course explores children's literature as the foundation of a strong literacy program and the core of disciplinary learning across the curriculum. Participants will explore various ways to use fiction and nonfiction children's literature to teach and assess reading concepts, fluency, writing, and disciplinary content across the curriculum.
- **READ 4305 Content Area Literacy**
Study of the role of literacy in learning content with a focus on use of explicit strategy instruction in teaching and monitoring content area literacy, vocabulary development and study skills for all learners. Dyslexia and other literacy-related disorders will be addressed
- **READ 4340 Reflective Read & Writ Assessment**
This course focuses on practices related to media literacy including digital literacies for students from diverse linguistic and cultural backgrounds and how these literacies impact formal educational settings. Topics include information sharing, copyright issues, critical analysis of online resources and media messages and writing.
- **READ 4341 Media Literacies for Sec ELA/R**
This education course introduces students to issues related to classroom strategies for instruction of diverse populations as well as characteristics of special needs populations. Students will also be introduced to the legal issues related to students of diverse populations including special needs students.
- **READ 4343 Lit, Culture, & Div Learners**
This course offers candidates the opportunity to assess, teach and reflect upon the contextualized, multimodal knowledge, skills and practices of English learners with diverse backgrounds. Explored are the interrelationships between funds of knowledge, culture, social class, geography, language, reading, writing, academic development and acquisition. ELA/R TEKS (Texas Essential Knowledge and Skills) are highlighted.
- **EDBE 3322 Bilingual Educ & ESL**
The study of cultural, psychological, socioeconomic, linguistic, cognitive and curricular factors affecting the academic achievement of emergent bilingual students. This course also will investigate the philosophical, legal and sociological aspects of ESL and bilingual education. National, state and local guidelines designed to meet the needs of multilingual and multicultural student populations will be reviewed.
- **EDBE 3323 Develop of Bilingualism**
This course is designed to investigate the nature of dual language development in a bilingual setting, beginning with early childhood through the sixth grade. Special emphasis is placed on first and second language development and transference of skills and concepts resulting in balanced bilingualism
- **EDBE 3324 Early Bilingualism**
EDBE 3324 instruction focuses on early bilingual development and assessment, specifically how children learn to read and write in the native language and second language. This course will focus on how to provide meaningful bilingual experiences in the EC to second grade bilingual classroom
- **EDBE 4305 Lang Arts Bilingual Class**
This course is for aspiring elementary teachers who will teach various subjects to bilingual students (English learners) in bilingual and dual language classrooms. This course focuses on reading comprehension, fluency, academic vocabulary development, writing, and inquiry in 3rd through 6th grade. A central focus of this course is to challenge traditional assumptions about bilingual students, as well as biliteracy. The course will also focus on providing opportunities for future teachers to use and further develop their abilities to use Spanish as the language of instruction.
- **EDBE 4306 Bilingual Curric Content**
The main focus of this course will be on essential elements of science, mathematics, and social studies in the bilingual classroom. Students learn and practice a variety of planning and teaching strategies for all students. Included is the role of language in a comprehensive systematic program design that will allow students to develop analytical and practical skills to effectively teach in the bilingual classroom. Precise terminology in English and Spanish and its application in the classroom will be stressed.
- **EDBE 4310 Bilingual Ed & Adolesc Learners**
Participants learn about the cognitive, social, family and community characteristics of the adolescent bilingual learner, including recent immigrants, transnational student, and students from heritage language communities. The focus will be on understanding these learners from an asset perspective and examining their linguistic knowledge and needs. This course will be taught in Spanish.
- **EDFR 2301 Intercultural Context**
This education course introduces students to issues related to equity, diversity, and social justice for culturally and linguistically diverse students and exceptional learners as well as classroom strategies for engaging diverse learners
- **EDSL 3310 Bilingual Students in Sch**
Students will be introduced to linguistic diversity in schools, basic second language acquisition theories, and ESL and bilingual education programs. Language learning strategies and advocacy for emergent bilingual students will be emphasized. Advocacy for emergent bilinguals and family and community involvement will be stressed. Field experience may be required
- **EDSL 3326 ESL**
This course focuses on the teaching of language arts and reading curriculum in the ESL classroom. Students will become familiar with the Texas Essential Knowledge and Skills. Special emphasis will be given to strategies for fostering ESL students' communicative competence and academic language
- **EDSL 4308 ESL Assessment**
This course focuses on formal and informal assessments and instruments used in ESL programs. Students will learn to use assessment results to plan and adapt instruction in the ESL classroom. Students will become familiar with standardized tests commonly used in Texas. Relationships among state-mandated standards, instruction, and assessment in the ESL classroom will be emphasized. Field experience may be required

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SCHOOL OF TEACHING & LEARNING

- EDCI 3331 Human Develop & Stud Learning**
This course focuses on applications of human development from birth to preadolescence in children from culturally and linguistically-diverse populations including students with exceptionalities. Topics include major learning and motivational theories as they apply to the teaching and learning process in learner-centered environments. This course integrates educational technology and may require field experience.
- EDCI 3332 Instruction & Assessment**
This course requires special approval to register, please contact the department for approval. Course description: This course focuses on applications of instructional, management and assessment methods for effective teaching in learner-centered environments and appropriate for culturally and linguistically-diverse populations, including students with exceptionalities. Topics include principles of curriculum, instruction, assessment, classroom climate, practices for managing student behavior, conflict resolution, and classroom management models. This course integrates educational technology and may require field experiences.
- EDCI 3333 Sci to Elem Study**
This course focuses on the current research and practice of teaching, learning and assessment of science in the elementary school curriculum and is appropriate for culturally and linguistically-diverse populations, including students with exceptionalities. Topics include how children learn science, procedures to plan, implement instruction appropriate to teach and assess the EC-6 science statewide curriculum, the process of scientific inquiry and its role in science instruction. This course integrates educational technology and may require field experiences.
- EDCI 3334 Math to Elem Stud**
This course focuses on the current research and practice of teaching, learning and assessment of mathematics in the elementary school curriculum for culturally and linguistically-diverse populations, including students with exceptionalities. Topics include how children learn and develop mathematical skills, procedures to plan, implement and assess instruction appropriate to teach the EC-6 mathematics statewide curriculum
- EDCI 3335 Soc Stud to Elem Stud**
This course focuses on the current research and practice of teaching, learning and assessment of social studies in the elementary school curriculum for culturally and linguistically-diverse populations, including students with exceptionalities. You will also learn how to guide elementary students in understanding these ideas and in practicing the skills necessary for thinking about society.
- EDCI 3336 ELA to Elem Stud**
This course focuses on the study and implementation of English Language Arts and Reading (ELA/R) methods and strategies for effective elementary teaching of culturally and linguistically-diverse populations, including students with exceptionalities. Topics include promoting student learning with appropriate assessments, effective use of classroom management skills, and the study of relationships between reading, writing, listening, speaking, viewing and representing. This course integrates educational technology and may require field experiences.
- EDUC 1301 Intro Teaching Prof**
This course introduces students to education in society by analyzing historical, social, political, economic, cultural, global and legal issues in education.
- EDUC 3301 Teaching in Contemp Schools**
Examination of the teaching profession in today's schools with focus on legal, historical, philosophical, social, political, economic, and cultural forces which impact the context of teaching profession.
- EDUC 3302 Stud Dev & Lrng**
This course surveys human growth and development theories and emphasizes implications and applications of research on the learning process, motivation, teaching, and assessment. Emerging changes, issues, and trends in the field of education such as student diversity, inclusive classrooms, educational policies, and technology are critically examined. This course integrates educational technology.
- EDUC 3303 Teaching in Diverse Class**
Examination of contemporary first and second language acquisition theories, research, instructional methods, technologies, and assessment of special populations of students in inclusive classrooms including English learners, gifted and talented students and students with disabilities. Includes emphasis on issues of equity, diversity and social justice for culturally and linguistically diverse student populations
- EDUC 4306 Secondary Content Pedagogy**
This is a 3 credit hour course. This course is the study and implementation of content-specific methods and strategies for effective secondary teaching. Focus is on promoting student learning with appropriate assessment, classroom management skills and use of technology in respective discipline-specific learning.
- HIED 8384 Issues in Higher Education**
The study of contemporary higher education as a specialized field of inquiry and as a professional area in which to work will be addressed. Students will explore institutional missions as well as entities such as teaching, administration, and legislative action in relationship to current issues centered on faculty and students.
- TECT 3301 Foundation Technology Training**
Study of principles and methods of classroom and laboratory control, teaching and integrating career oriented into educational goals.
- TECT 4304 Technology Training Consultant**
In this fully online course, students will have the opportunity to apply their professional experiences, previous education, knowledge, and skills to the professional consultancy process. This course focuses on the multiple roles of the technology trainer/consultant in the process of organizational change.
- TECT 4305 Issue in Technology Training**
This course introduces learners to a framework for the study of issues in technology training. Students will utilize innovative learning and presentation technologies to identify, analyze, and evaluate issues that impact adult learning and performance in the workplace.
- TECT 4306 Multicultural Tech Training**
This is a fully online course that provides students with opportunities to develop and apply an understanding of learner diversity and its effect on technology training and adult learning. Students will learn how to design and deliver trainings that create inclusive learning environments and incorporate learners' multicultural, learning, and communication styles.
- TECT 4307 Tech Leadership Foundations**
This course examines the study of leadership theories and their application to the development of leadership skills. The context of leadership will be described in an in-depth presentation of leadership theory, a discussion of how it applies to real-life situations and the development of individual leadership skills.
- UTCH 1101 Inquiry Approaches to Teaching**
This one-hour field-based course explores teaching as a career by introducing, modeling and practicing inquiry-based science and mathematics instruction. Field experience will be completed in an elementary public school at an upper grade level and will consist of preparing, teaching, and assessing three inquiry-based lessons. Students will be introduced to the UTeach pedagogy and technology standards.

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- **UTCH 1102 Inquiry-Based Lesson Design**
This one-hour field-based course focuses on the basic principles of designing, implementing and assessing inquiry-based science and mathematics instruction for the middle school curriculum. Field experiences will be completed in a public middle school and will consist of preparing, teaching and assessing three inquiry-based lessons. Students will begin developing their UTeach portfolio.
- **UTCH 3301 Math and Scie Learning**
This three-hour field-based course introduces the cognitive, psychological and pedagogical principles of learning for effective science and mathematics instruction for all learners. Course emphasis will be on: the use of current technology for classroom learning; novice-expert transfer and understanding of subject matter; equity, diverse and exceptional learners, summative, formative, and authentic assessment; and high stakes testing.
- **UTCH 3302 Classroom Interactions**
This three-hour course focuses on how the interactions between curriculum, technology, and learning are used to produce a safe and productive learning environment for all students. The review of major instructional models and the delivery of effective instruction will be emphasized.
- **UTCH 3303 Project-Based Instruction**
The course Project-Based Instruction (PBI) supports students' continued development as a teacher, building on your previous UTeach courses.
- **UTCH 4101 Apprentice Teaching Seminar**
This seminar facilitates the students' integration of the supervised apprentice teaching experiences and the programs' professional curriculum. Topics include classroom management and time management, instructional planning and assessment, parent-teacher communication, school culture and dynamics, legal and logistical issues affecting teaching, and the final UTeach portfolio. The final portfolio must provide evidence that the student has met state standards for teacher certification
- **UTCH 4601 Apprentice Teaching**
This course is designed for students seeking a math or science secondary teacher certification. Apprentice teachers (Clinical teachers) will be placed in a state-accredited public school all day under the guidance of an experienced classroom teacher (cooperating teacher) and a university field supervisor (UTeach Master Teacher) for a semester. Focus will be on the integration of pedagogical-content knowledge, development of critical reflection, and well-informed decision-making for improvement of professional practice with emphasis on the implementation of effective instruction, assessment, technology integration, and classroom management.

SCHOOL OF HUMAN DEVELOPMENT & SCHOOL SERVICES

- **ECEC 2301 Foundation Early Care Develop**
This course is an orientation to the study of early childhood education from its early beginnings to the present. Emphasis is on the teacher's role, the preferred learning environment, and appropriate learning content for meeting individual differences and cultural diversities of young children.
- **ECEC 2309 Family Care & Ed in Comm**
This course incorporates different early care and education topics reflecting the changing demographics of the United States. Emphasis will be placed on the importance of caring relationships parenting with parents and families, valuing diversity and providing culturally responsive early care and education. Current research on socio-cultural theory and its application, including integration of children from diverse backgrounds and children with special needs into groups of typically developing children will be studied
- **ECEC 3302 Math Curr for Children**
This course will focus on developmentally appropriate math curriculum and instructional resources for early childhood programs serving young children ages 0-5. The prospective early childhood educators will study curriculum standards from NCTM and NAEYC as basis for determining appropriate mathematics for all young children. The processes of mathematics will be emphasized as significant for creating effective learning environment.
- **ECEC 3303 Early Lit Development**
This course focuses on emergent literacy from oral language development to fluent reading and writing. Participants explore developmentally appropriate pedagogical strategies, practices, and assessments as they learn about graphophonetic, semantic, syntactic, and cultural knowledge that diverse children, including student with dyslexia, build as the develop literacy in and out of schools.
- **ECEC 3307 Skills of Preschool Teachers**
This course provides an overview of a comprehensive interdisciplinary pedagogy that integrates developmental theory, research and practice with knowledge of children of color, poverty, immigrant, special needs, bilingual learners and children from diverse cultural and ethnic groups. Students will conduct in-depth studies of what teachers who are effective educators for all children know, what do they effectively teach in diverse settings, and how are their knowledge and skills assessed. Classroom management, planning for instruction, explicit and implicit teaching will be components in this course.
- **ECEC 3308 Environments for Children**
This course will help prospective early childhood educators develop an understanding of the importance of early learning environment that provide children with opportunities for learning, and challenges that allow development to flourish. Students will learn to integrate early care and childhood theories, child development, up-to-date research, program standards and curriculum outcomes for designing learning environments.
- **ECED 3310 Programs for Infants & Toddlers**
This course will introduce students to indicators of high-quality care for infants and toddlers. Topics in this course will include: historical and theoretical basis influencing models for programs, the role of caregivers and parents, designing and managing experiences for developmental domains of infants and toddlers and the importance of in-doors environments.
- **ECED 4312 Admin of Child Dev Centers**
This course is aligned with NAEYC's Code of Ethical Conduct for Administrators and to Program Administrators Competencies. Topics of study will include: leadership and management, program marketing, professional ethics, fiscal, personnel and facilities management, law and licensing regulations. Prospective and ins-service programs owners/administrators will learn t plan for, implement, manage, market and evaluate programs serving all young children from 0 to 5.
- **ECED 4314 Play Dynamics & Envir**
This course provides an overview of play theories as they apply to the total development of the child. Examines the art and science of critical thinking, including analysis, synthesis, and evaluation in the fields of play, play theories, and outdoor environments through a variety of pedagogies. Special attention is given to organized play experiences through arranging and scheduling developmentally appropriate learning centers for children in the public school setting. Field experiences may be required.
- **ECED 4315 Liguist-Diverse Early Child**
In this course, students will study methods, instructional strategies and materials for teaching early childhood students with linguistically diverse backgrounds. This course will also focus on planning, implementing, and assessing developmentally appropriate instruction in linguistically and culturally responsive classrooms.
- **ECED 4380 Field Experience**
A specialized workplace experience designed to strengthen a student's job skills by providing an opportunity to use acquired skills and techniques with young children.

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- **ECEC 4391 Early Child Educ**
This course provides an overview of play theories as they apply to the total development of the child. Examines the art and science of critical thinking including analysis, synthesis, and evaluation in the fields of play, play theories, and outdoor play environments through a variety of pedagogies. Special attention is given to organized play experiences through arranging and scheduling developmentally appropriate learning centers for children in the public school setting.
- **ECEC 4392 Guide of Young Child**
This course examines theoretical approaches to guidance practices appropriate to early childhood settings in infancy through 3rd grade. Age-appropriate intervention strategies, observation techniques, and group management skills will be studied. Emphasis is on the positive development of a child's self-esteem and positive communication with families.
- **SPED 3390 Intro to Exceptional Children**
This course provides an overview of characteristics associated with different disabilities and the special education services available to exceptional children. Emphasis is placed on special education law, the effects of disability on learning, and the role of special educators in ensuring an appropriate education for exceptional learners.
- **SPED 4310 Inclusion & Differ Instruc SE**
The content of this course includes modifications, adaptations, strategies, and materials for including individuals with exceptionalities into the regular education classroom. An emphasis will be placed on the role of the general education teacher in the special education process.
- **SPED 4330 Language & Literacy Except Lea**
This course addresses monolingual and bilingual language acquisition and literacy development for children at different age levels (EC-12). Both typical and atypical development are covered with a focus on communication disorders and language-related learning disabilities. The interaction among language, culture, and exceptionality is examined, in addition to the use of assistive technology and social skills instruction as ways to assist in developing communication skills.
- **SPED 4350 Assessing Except Learn**
This course focuses on knowledge and skills in assessing learners with exceptionalities. It provides a survey of the knowledge base related to appraisal in special education, including formal, norm-referenced testing and comprehensive coverage of informal, curriculum-based assessment. Assessment procedures will focus on academic areas which comprise the primary general education curriculum.
- **SPED 4370 Instructional Methods for Low**
This course is designed to prepare students to become interpreters of medical information concerning major disabilities and to provide an understanding of the psychosocial and post-secondary (transition) factors encountered by students with disabilities. Focus will be on how these factors affect post-secondary adjustment to a disability, and U. S. legal requirements related to students with disabilities.
- **SPED 4380 Instructional Methods for Stud**
This course examines evidence-based instructional methods and strategies used with children with learning disabilities to promote academic performance in all content areas, including reading, language arts, and math. An emphasis is placed on facilitating achievement in a variety of settings and situations for students at different age levels (EC-12). The integration of assessment and instruction to ensure positive student outcomes is also discussed.
- **SPED 4395 Special Education Pra Behav Te**
This course provides field experience in working with learners with exceptional needs. Students will have the opportunity to practice assessment and intervention strategies, to apply classroom management techniques, and to collect and record data about their student's achievement and the effectiveness of their classroom interventions.


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BIOLOGY

- **BIOL 1322 Human Nutrition**
Human Nutrition provides students with an understanding of basic nutritional science and how the principles of nutrition can be used to achieve and maintain optimum health and well-being. Students will consider their own food choices in light of the scientific concepts covered in class. Topics include: carbohydrates, alcohol, lipids, proteins, vitamins, minerals, metabolism and the relationship of nutrients to the health of various organ systems.
- **BIOL 1406 Gen Bio I**
This course is an introductory course in the study of basic biological principles. Topics will include biological chemistry, cell structure and function, photosynthesis and respiration, DNA structure and function, mitosis, meiosis, Mendelian genetics, evolution and the structure and function of bacteria, viruses, protozoans, algae, fungi and plants.
- **BIOL 1407 Gen Bio II**
A study of the morphology, development and relationships of algae, lichens, liverworts, mosses, ferns, gymnosperms and angiosperms. Particular attention is given to the evolution of these groups.
- **BIOL 2310 Marine Ecosystem Dynamics**
This course investigates the interactions between organisms and the physical processes that regulate productivity and distribution of marine life in oceanic and coastal ecosystems.
- **BIOL 2401 Anatomy & Physiology I**
Anatomy and Physiology I is the first part of a two course sequence. It is a study of the structure and function of the human body including cells, tissues and organs of the following systems: integumentary, skeletal, muscular, nervous and special senses. Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis.
- **BIOL 2402 Anatomy & Physiology II**
Anatomy and Physiology II is the second part of a two-part course sequence. It is a study of the structure and function of the human body including the following systems: endocrine, cardiovascular, immune, lymphatic, respiratory, digestive (including nutrition), urinary (including fluid and electrolyte balance), and reproductive (including human development and genetics). Emphasis is on interrelationships among systems and regulation of physiological functions involved in maintaining homeostasis.
- **BIOL 3301 Biological Evolution**
This course examines the origins of the incredible diversity of life that has evolved on the Earth. The ambitious purpose of this course will be to provide you with a foundation in evolutionary biology.
- **BIOL 3310 Neurobiology**
Studies of nervous systems. Topics range from physiology of single neurons to neural basis of behavior in intact animals. This course emphasizes comparative methods, with examples drawn from a wide range of invertebrates and vertebrates.
- **BIOL 3401 General Microbiology**
A general survey of the field of microbiology with emphasis on bacteria. Topics will include structure, growth, reproduction, metabolism, genetics and taxonomy of bacteria; a general survey of fungi, algae, protozoa and viruses and microbiology of soil, water, foods, and industry. Laboratory work will include staining, growing, biochemistry, characterization, and control of bacteria with a general survey of other microorganisms.
- **BIOL 3404 Conservation Biology**
This course provides a scientific foundation for resource management efforts aimed at conserving, restoring, and sustaining the biological diversity in habitats. Biological diversity includes genetic variation among individuals and populations; species richness and abundance; habitat heterogeneity and all of the interactions that determine the distribution and abundance of species.
- **BIOL 3407 Comparative Embryology**
Developmental studies from the zygote through embryological stages (chiefly concerned with amphibians, birds, and mammals).
- **BIOL 3408 Plant Morphology**
A study of the morphology, development, and relationships of algae, lichens, liverworts, mosses, ferns, gymnosperms, and angiosperms. Particular attention is given to the evolution of these groups.
- **BIOL 3409 Ecology**
A study of the basic environmental factors affecting plants and animals, and their relation to economic and conservation problems. Students will learn to look at the world with an ecological lens, recognizing connections of elements within a system based on a deep understanding of ecological concepts; identify and explain specific patterns or phenomenon resulting from these connections and interactions with a system; and have both the skills and motivation to critically evaluate the implications of such patterns, in the context of understanding and addressing real-world ecological problems.
- **BIOL 3412 Cell Biology**
A study of cell structure and function with emphasis on bio-energetics, membranes, genes, and genetic control, cell division and its regulation, and cellular differentiation.
- **BIOL 3413 Genetics**
Introductory lectures and laboratories in classical genetics. Topics will include Mendelian genetics, cell mechanics, sex determination, sex linkage, DNA structure and function, genetic linkage, crossing over, gene mapping, mutation, regulation of gene expression, chromosomal variations, population genetics, and evolution.
- **BIOL 3414 Invertebrate Zoology**
Study of the comparative morphology, evolution, systematics, and natural history of the invertebrates.
- **BIOL 3345 Animal Nutrition**
Students will become familiar with the anatomy and digestive processes that take place in digestive tracts of various domesticated animals. They will also learn how to balance a ration that meets protein and energy requirements of livestock.
- **BIOL 4201 Biology Problems I**
A course adapted to the study of special topics in biology. For advanced students capable of developing a problem independently through conferences and activities directed by the instructor. Problem is chosen by the student with the approval of the instructor prior to registration.
- **BIOL 4202 Biology Problems II**
A continuation of BIOL 4201.

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-  **BIOL 4314 Gen Virology**
Students will understand the role of DNA in inheritance and can explain how environmental conditions influence natural selection processes and contribute to adaptation. Students will be aware of the diversity of life, and understands inter-relationships among organs and organ systems within an organism, and inter-relationships between an organism and its environment
-  **BIOL 4316 Environmental Toxicology**
A survey of interaction of environmental pollutants with living systems. Laboratory consists of toxicological evaluation of selected environmental chemicals. The student knows the role of the cell in life and living systems, and understands the inter-relationships between sub-cellular structures that contribute to its functioning as a unit.
-  **BIOL 4317 Disease Epidemiology**
This course is an introduction to the principles of epidemiology. Emphasis on ecological and evolutionary factors affecting disease processes. Both historical and current epidemics will be examined. In this course you will learn to assess the importance of different control strategies for diseases, and identify possible outcomes. You will learn that there is no "one size fits all" approach to disease epidemiology, and identify what features must be known or determined in order to control an outbreak.
-  **BIOL 4318 Ethnobotany**
Ethnobotany explores the myriad ways in which plants have affected the historical development of human civilizations, their cultures and natural sciences. Conversely, the course also examines the ways in which human communities have altered the evolutionary course of plant species and the structure of plant communities. While surveying different uses of plants throughout human history - as sources of food, medicines, stimulants, fibers, spices and aromatics, bio-fuels, and construction materials - students are introduced to the fields of plant classification, evolution, plant anatomy, cell biology, and biochemistry.
-  **BIOL 4319 Medical Entomology**
Study of the medically important insects. The focus will be on insect vectors and the diseases that they can transmit. We will examine insect life history, population dynamics, ecology, and human impact. We will also cover some basic epidemiology and disease transmission models.
-  **BIOL 4388 Global Change Ecology**
This course will cover different aspects of global change, emphasizing topics such as: habitat alteration, species extinctions, spread of diseases, invasive species, global warming and the impact of these factors on conservation efforts. We will review literature concerning the history of global change, evidence of the phenomena, perspectives and predictions on the situation, and potential solutions for these problems. Lectures and discussions will approach our current general knowledge of global change based on scientific evidence.
-  **BIOL 4398 Marine Parasitology**
Topics will cover specialized areas of study in the biological sciences that tend to not be part of regular course offerings. Subjects may vary from semester to semester, depending on the faculty member teaching the course.
-  **BIOL 4399 Research Problems in Biology**
Research under the supervision of a Biology faculty member.
-  **BIOL 4400 Biological Communication**
Capstone Course. Describes, analyzes, critiques, and applies biological communication and writing styles. Writing topics include vitas, professional letters, research/laboratory reports, and research proposals.
-  **BIOL 4407 Animal Parasitology**
This course focuses on the field of parasitology and is designed for upper-level biology, biomedical or students interested in pursuing healthcare- related fields. The course emphasizes selected topics relating to parasites; You will learn new vocabulary, concepts and terminology relating to parasitology and parasites, primarily of human importance.
-  **BIOL 4408 Plant Pathology**
The aim of this course is to familiarize the student with a general introduction to plant pathology. Students will be introduced to the major viral, bacterial and fungal pathogens with focus on those found in the Lower Rio Grande Valley. Students will also understand how plants can respond to the microbes on a cellular and organismal level. The disease triangle and current means of molecular identification will be explored in the lab, as well as cultural, chemical, and biological control methods for disease.
-  **BIOL 4409 Herpetology**
A study of anatomy, evolution, distribution, systematics, ecology, and physiology of amphibians and reptiles, primarily of North American species, with special emphasis on local forms
-  **BIOL 4410 Marine Botany**
A study of the common local marine flora with emphasis on macroscopic algae, sea grasses and terrestrial angiosperms. Students are expected to furnish their own transportation to field laboratory sessions at South Padre Island.
-  **BIOL 4411 Eco Physiology of Animals**
A comparative study of the physiological adaptations of vertebrate animals to their environments. Emphasis is placed on the physiological basis of animal distribution and evolution.
-  **BIOL 4412 Ornithology**
This course is a study of the classification, morphology, ecology, distribution, migration patterns, behavior and evolution of birds. The lecture will prepare students to: recognize features that allow taxonomic identification of birds; understand the diversity in species and adaptations in the avian world; understand the unique physical and behavioral traits of birds; and understand the evolutionary history of birds in relation to other animals. The Lecture portion will focus on all aspects of avian biology. The lab will focus on bird identification, with an emphasis on avifauna of the Lower Rio Grande Valley and will include specimens, anatomy, nomenclature, and field identification.
-  **BIOL 4413 Gen Virology**
Comprehensive course that covers fundamental aspects on the effect of viruses on procaryotic and eucaryotic organisms. It also covers interactions between viruses and populations and the impact of viral diseases on organisms, mechanisms of replication, and strategies of viral gene expression.
-  **BIOL 4415 Entomology**
An introduction to the study of insects and other arthropods of agricultural, medical, and veterinary importance. Includes basic insect morphology, physiology, classification and pest management. Laboratory consists of insect identification supported by field trips.
-  **BIOL 4416 Mammalogy**
A study of anatomy, evolution, distribution, systematics, ecology, and physiology of mammals of North America, with special emphasis on local forms. The goal of this course is for students to understand the role of DNA in inheritance and can explain how environmental conditions influence natural selection processes and contribute to adaptation; be aware of the diversity of life, and understands inter-relationships among organs and organ systems within an organism, and inter-relationships between an organism and its environment; become familiar with the tremendous diversity in structure (organellar, cellular, organismal) and how that relates to the organismal niche or habitat.
-  **BIOL 4417 Microbial Genomics**
This course will cover the rapidly changing field of microbial genetics and genomics with a focus on bacterial, viral and fungal genomics. Topics will include classical molecular genetics with the greater focus on understanding the entire organism using the genome and transcriptome. Other topics include the evolution of antibiotic resistance, the importance of the microbiome to human health and ecological microbial community interactions. The lab will include techniques related to polymerase chain reaction, next generation genome and microbiome sequencing and data analysis, CRISPR technology, transcriptome sequencing and analysis.

College of Sciences

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- **BIOL 4426 Marine Ecology**
This course is an introduction to marine ecology. It will include discussion of marine ecosystems and processes with a focus on the marine environment of South Texas. Topics will include the study of different biomes (structure and function) within the marine environment and the discussion of global and current events related to the marine environment.
- **BIOL 4430 Coastal Ecology**
This course examines the major near shore habitats and communities of the western Gulf of Mexico including: beaches, sand dunes, estuaries, salt marshes, mud flats, seagrass meadows, and rocky shores. Emphasis is placed on directed, field-oriented, group, and/or individual research projects.
- **BIOL 4432 Animal Behavior**
Lectures introduce students to the biological basis of animal behavior. Emphasis is placed on evolutionary explanations of: behavioral genetics and development, neural and hormonal mechanisms, instincts and learning, reproductive, and social behavior. Laboratory projects introduce students to laboratory and field methods for observing, quantifying, analyzing, and reporting animal behavior. Typical research projects address: sensory mechanisms, chemical and vocal communication signals, and dynamic behavioral interactions.

CHEMISTRY

- **CHEM 1307 Chemistry for Engineers**
Fundamentals of atomic structure, electronic structure and periodic table, nomenclature, the stoichiometry of reactions, gas laws, energy and chemistry, molecules and materials, entropy, chemical kinetics, equilibrium, electrochemistry and nuclear chemistry.
- **CHEM 1309 Chemistry for Engineers**
This course will cover stoichiometry, structure, bonding, thermodynamics, and kinetics plus a brief survey of organic chemistry, biochemistry, and analytical chemistry.
- **CHEM 1311 General Chemistry I**
Fundamentals of atomic structure, electronic structure and periodic table, nomenclature, the stoichiometry reactions, gas laws, thermochemistry, chemical bonding, and structure and geometry of molecules.
- **CHEM 1312 General Chemistry II**
This course presents the properties of liquids and solids, solutions-acid-base theory, chemical kinetics, equilibrium, chemical thermodynamics, electrochemistry, nuclear chemistry, and representative organic compounds.
- **CHEM 2323 Organic Chemistry I**
This course provides the basic principles to understand the structure, bonding, stereochemistry, and reactivity of organic compounds, along with the IUPAC nomenclature. There is an emphasis on substitution, elimination, and reaction mechanisms.
- **CHEM 2325 Organic Chemistry II**
Continuation of CHEM 2323. Study of the structures, properties, preparation, mechanisms, and reactions of alcohols, ethers, epoxides, aromatics, carbonyl compounds, and carboxylic acid derivatives.
- **CHEM 3301 Inorganic Chemistry**
A descriptive study of inorganic chemistry that includes periodicity, acid-base theories, structure, bonding and reactivity of inorganic compounds, and chemistry of transition elements and their compounds.
- **CHEM 3303 Biochemistry I**
A discussion of the structural and functional viewpoint of biological macromolecules including proteins, carbohydrates and nucleic acids and the techniques used in their study. The course material will also include study of energy yielding metabolic pathways such as glycolysis, the Krebs cycle, fatty acid oxidation and oxidative phosphorylation.
- **CHEM 3304 Physical Chemistry I**
An introduction to the properties of gases, the kinetic molecular theory and the study of thermodynamics, including an in-depth coverage of the first, second and third laws of thermodynamics and equilibrium. Statistical mechanics is used in the development of energy related concepts.
- **CHEM 3305 Physical Chemistry II**
The second half of physical chemistry investigates concepts in quantum mechanics, group theory and symmetry and spectroscopy. Studies of chemical kinetics and electrochemistry are also included.
- **CHEM 3306 Polymer Sci & Engineering**
A general introduction to the theories and industrial practices for polymeric materials. The course includes synthesis, physical characterization and structure-property relationships of polymers. Emphasis is given to industrially important polymers as materials.
- **CHEM 3401 Environmental Chemistry**
Environmental Chemistry is an introduction to the study of the natural and anthropogenic aspects of the chemistry of the earth including the atmosphere, hydrosphere and geosphere. This course will provide students with an understanding of field and laboratory methods of environmental chemistry in addition to a comprehensive investigation of current topics in the discipline. Students should have a strong background in general and/or organic chemistry.
- **CHEM 4302 Adv Biochemistry**
The course is a continuation of CHEM 3303. This course reviews the mechanisms of biosynthesis of macromolecules, particularly amino acids, proteins, fatty acids, lipids, polysaccharides, purines, pyrimidines and nucleic acids. Emphasis will be given to how these processes are controlled and integrated with the metabolism of the cell and molecular basis of disorders related to intermediary metabolism.
- **CHEM 4303 Adv Organic Chemistry**
The course describes the advanced organic synthetic methods, mechanisms, and their applications in the synthesis of relevant organic and biologically active molecules such as chiral medicinal drugs, carbohydrates, and peptides.
- **CHEM 4304 Instrumental Analysis**
A study of principles of instrumental analysis measurements and techniques. Components and operation of basic and modern instrumentation will be covered.
- **CHEM 4306 Special Topics in Biochemistry**
A course designed to cover specialized areas in biochemistry.
- **CHEM 4307 Adv Inorganic Chem**
Advanced Inorganic Chemistry is an introduction to the coordination chemistry of the transition metals. Theoretical understanding of the synthesis, characterization, and applications of selected transition metal complexes, bioinorganic complexes, and organometallic compounds will be introduced. The course also introduces group theory and its application to molecules in the description of bonding.

College of Sciences

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- **CHEM 4309 Organic Chem Contemp Topics**
A course designed to cover specialized areas in the science of chemistry.
- **CHEM 4315 Materials Chem Contemp Topics**
A course designed to cover specialized areas in the science of chemistry.
- **CHEM 4320 Nutr & Exer Biochemistry**
This advanced level course in nutritional biochemistry will provide chemistry and biology students a comprehensive foundation in structural and functional characteristics of macro-nutrients (carbohydrates, lipids, proteins) and micro-nutrients (vitamins and minerals) in food consumed by humans. Students will also learn about the biochemical mechanisms associated with the digestion and assimilation of micro-and macro-nutrients. The basis of bioenergetics principles will be discussed through metabolism of nutrients as applied to the exercising human and to establish a basic understanding of the benefits of exercise for health and performance. Students will also learn common metabolic disorders associated with nutrient deficiencies and toxicities. The objective of this course is to prepare undergraduate science students for graduate level science courses.
- **CHEM 4378 Special Topics in Chemistry**
A course designed to cover specialized areas in the science of chemistry. It can be repeated when the topic changes.

PHYSICS

- **ASTR 1401 Intro to Astronomy I**
This course introduces the student to basic concepts in Astronomy and of our Solar System. Telescopes and other instruments, including the planetarium, are used as an integral part of the course. The course includes three laboratory hours a week to emphasize course concepts.
- **ASTR 1402 Intro to Astronomy II**
This course exposes the student to information about the stellar universe. Telescopes and other instruments, including the planetarium, are used as an integral part of the course. The course includes three laboratory hours a week to emphasize course concepts.
- **ASTR 2301 Solar System Astronomy**
This is an algebra/geometry/trigonometry/vector-based course in which students study the basic concepts in Astronomy and of our Solar System. Topics include: current understanding of the Universe; general physics applied to Astronomy; current understanding of the formation of our Solar System; planetary surfaces, interiors, atmospheres and magnetospheres; moons, asteroids, and comets
- **ASTR 3302 Intro Astrophysics**
This is a calculus-based course that introduces the student to several topics in Astrophysics, including: Orbital Mechanics, Radiative Transfer, Thermodynamic Equilibrium, Radiative Processes in Astrophysics, Stellar Structure, Galactic Dynamics, and Special Relativity.
- **PHYS 1401 General Physics I**
An algebra-based introduction to the principles of mechanics, fluids, heat, waves, and sound for students fulfilling a natural science requirement and premedical students. The course includes three laboratory hours a week to emphasize course concepts.
- **PHYS 1402 General Physics II**
A continuation of PHYS 1401 covering the principles of electricity, magnetism, light, and modern physics. The course includes three laboratory hours a week to emphasize course concepts.
- **PHYS 2425 Phys Sci & Engineers I**
At the calculus-based level, this course introduces the student to the principles of mechanics, fluids, heat, waves and sound for majors in physics and engineering. The course includes three laboratory hours per week for reinforcing, through experiment, the concepts taught in the lecture.
- **PHYS 2426 Phys Sci & Engineers II**
This course is a calculus-based introduction to the principles of Mechanics, wave motion, sound, and heat. This introductory physics course has two main objectives: to provide the student with a clear and logical presentation of the basic concepts and principles of physics, and to strengthen an understanding of concepts and principles through a broad range of interesting applications to the real world.
- **PHYS 3301 Electromagnetic Theory I**
This course provides an introduction to classical field theory. Building on the understanding of the Integral form of Maxwell's equations developed in PHYS 2426, this course will develop the differential form of the equations and explore a variety of techniques for their solution. Extensive use of the program Mathematica will be made to construct solutions and to visualize the results.
- **PHYS 3303 Thermodynamics**
This course is designed to provide a basic understanding of the laws of thermodynamics. Concepts covered include basic ideas of conventional thermodynamics including internal energy, entropy, and interactions between systems. The course acquaints students with models and equations of state for various systems.
- **PHYS 3305 Classical Mechanics**
This course is designed to provide a rigorous understanding of classical dynamics. Concepts covered include the motion of a particle to a system of particles in one, two, and three dimensions; detailed treatment of the conservation laws, rigid body motion, and rotating systems. It introduces students to Lagrange and Hamiltonian dynamics and noninertial reference frames
- **PHYS 3306 Intro to Biophysics**
This course will teach students how to apply the basics principles of physics to the problems of Life Sciences. Students will learn and understand basic physical properties of biomolecules; how the fundamentals of chemistry apply to living organisms; applications of mathematical techniques to explain bio-phenomena; how living systems function based on their physicals properties and within physical parameters of their environments
- **PHYS 3308 Intro to Nanoscience**
This course is an introduction to nanoscale physics in order to understand nanoscience and nanotechnology. It will investigate size effects and fabrication methods of nanoscale systems. Topics covered in the course include role of size effects on the physical, chemical, and biological properties of nanoparticles, nanotubes, and catalysts and self-assembly approaches for nanoparticle-biomaterials hybrid systems in nanobiotechnology and medical treatment. The course will also examine the uses of nanotechnology and the impact it has on our society.
- **PHYS 3309 Intro to Medical Imaging**
This course will look at the wide range of techniques used for medical imaging and the underlying physical principles they are based on. This course is an introduction to medical diagnosis imaging techniques, e.g. magnetic resonance imaging, scanning tomography, and general imaging by x-rays. Topics covered also include the interaction of light on living cells and use of ionizing radiation in diagnosis and therapy.

College of Sciences

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● **PHYS 3310 Radiation Biophysics**

This is an advanced course in radiation biophysics. It will cover radiation chemistry, radiation carcinogenesis, genetic effect of ionizing radiation metabolism and biological effects of deposited radionuclides, radiation inactivation of enzymes, nucleic acids and viruses, biological effects of ultraviolet radiation, photosensitization, radiation protection and sensitization, radiation effects in vivo, cancer radiation therapy and photo-therapy.

SCHOOL OF EARTH, ENVIRONMENTAL & MARINE SCIENCES

● **ENVR 1401 Intro to Envr Sci I**

This course is intended to prepare Environmental Science majors determine where they would like to specialize within the environmental science fields (land management, water quality, environmental geology and etc.). Introduction to Environmental Science II (ENVR1402) covers the later chapters of the textbook from ENVR 1401, comprising of sustaining natural resources and human societies.

● **ENVR 1402 Intro to Envr Sci II**

The environment impacts our way of life in many aspects (e.g., food production, air, water & soil resources, and etc.). Adverse impacts to our environment affect the well-being of humans and other ecosystems. Therefore, it is essential that students understand natural environmental systems, physical/chemical/biological and social causes of environmental problems, and strategies to mitigate or manage these issues.

● **ENVR 2301 Earth System Science**

This course provides a look at the Earth system as a whole. Emphasis will be on the interrelationships between biological, geological, climatological, and human systems on continental and global scales. The links between these systems will be illustrated by present-day processes and by the geologic record of selected events in Earth system history. This course covers topics such as greenhouse systematics, the carbon cycle, global warming, atmospheric and ocean circulation, climate regulation and human impacts.

● **ENVR 3301 Nat Resources Conserv**

A survey of the distribution of natural resources, with special emphasis on new solutions to problems of resource scarcity. Topics include: energy, water, air, and food resources and other selected components of the lithosphere, hydrosphere, atmosphere, and biosphere. Economic, demographic, and political issues are considered as they affect natural resources.

● **ENVR 3302 Envr Ethics**

This course considers the moral relationship of humans to the environment through an examination of different ethical frameworks and case studies. Students will examine the role of personal and societal attitudes and values toward the environment as they apply to perceptions of land, water, biodiversity, natural resources, and pollution

● **ENVR 3303 Res Meth & Data An in Envr Sci**

This course will introduce research and data analysis methods. Students use large and small data sets for analysis using appropriate statistical tests. Students will develop environmental reporting skills.

● **ENVR 3311 Intro Air Pollution Sc**

This introductory course will focus on various facets and terms associated with the field of air pollution science. Students will learn about the various air pollutants, the principles of science and systems associated with it. The course will also cover important topics such as indoor and outdoor pollution, particulate matter, gaseous pollutants, toxicology, human exposures, risk assessments. In addition, the physical and chemical behavior of pollutants, role of meteorology will be covered. Various legislations and regulations for air pollution abatement will be discussed. The students will also get a thorough training in measuring, quantifying, analyzing air pollution along with some aspects of air pollution modeling. This course would cover all aspects of air pollution (local to global) with a special focus on trans-boundary air pollution issues in the U.S.-Mexico border region.

● **ENVR 3405 Oceanography**

This is a course in an introduction to the nature and origin of the world's oceans. It will broaden the students' background and knowledge about the role of the oceans on the environment. Topics will cover geological, chemical, physical and biological processes throughout the oceans

● **ENVR 4301 Envr Regulations**

An overview of pertinent state, national, and international environmental regulations, policies, and applicable agencies and laws or treaties. Topics include: the development of environmental policy and regulation, the Clean Air and Water Acts, energy regulation, toxic and hazardous waste management, and land management. International issues and management are also included with an emphasis placed on U.S.-Mexico specific issues.

● **ENVR 4303 Envr Sci Res Proj**

This capstone course provides students with training and experience in conducting independent research on special topics in environmental science. The topic chosen will represent a problem mutually agreed upon by the student and instructor as detailed in an Environmental Research Project Proposal.

● **ENVR 4370 Topics in Envr Sci - Soil and Water Remediation**

The course provides students with an overview of the treatment technologies frequently used for cleanups of contaminated sites. Students will learn basic understanding of soil and water sciences behind these technologies. Basic concepts of water treatment and soil remediation will be reviewed through lecture and course activities. Students will have opportunity to collect case study and current issue on environmental remediation through class projects.

● **GEOL 1403 Physical Geology**

The classification and analysis of geologic agents responsible for the origin, structure, and sculpturing of the Earth's crust, including a comprehensive description of materials comprising the Earth.

● **GEOL 1404 Historical Geology**

The geologic history of the Earth and its inhabitants as revealed by fossil record with emphasis on North America.

● **GEOL 3401 Geomorphology**

Geomorphology is the study of landforms. This class will emphasize the physical, chemical, and biological processes that create and modify landforms. This course covers the history of landform evolution and the climatic and tectonic conditions that influence landform development.

● **GEOL 3402 Hydrologic Systems**

This course will explore the circulation of water in earth systems. Surface water processes studied will include runoff, routing, evapotranspiration, infiltration, and flooding. Groundwater process will include the basics of ground water flow, aquifer characteristics, and others. Global, national, and regional aspects of water resources management will also be introduced.

● **GEOL 3405 Oceanography**

An introduction to the nature and origin of the world's oceans. Topics will cover geological, chemical, physical, and biological processes throughout the oceans.

● **GEOL 3408 Intro to GIS**

This course covers fundamental concepts and techniques of Geographic Information Systems (GIS). Concepts include: the basics of maps including projections, datums, coordinate systems, map interpretation, design and field mapping techniques. Additional concepts include: GPS theory and application within a GIS framework as well as an introduction to ArcGIS software to include geospatial data acquisition, processing, and mapping.

College of Sciences

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- **GEOL 4302 Environmental Geology**
This upper division geology course is designed for mature students who like to learn in-depth skills/concepts in a professional academic setting. This course explores the human-planet relationship - how Earth processes influence human lives, and how human actions, in turn, alter the interactions of Earth systems. Hazardous geologic processes, use and care of energy resources, and the human impacts on the environment are the focus of this course. The problem-solving and quantitative skills acquired via training in this course are highly valuable and marketable regardless of career track.
- **GEOL 4309 UG Research Geoscience**
Through discussions with listed faculty or potential faculty mentors in Environmental Sciences, students enrolled in this course will each define a limited research project and submit a finished report.
- **GEOL 4385 Special Topics in Geology**
The course provides students with an overview of soil and water remediation. Students will learn basic understanding of soil and water sciences toward the fate of contaminants and remediation approaches through lecture and course activities. Students will have opportunity to collect case study and current issue on soil and water through class projects.
- **GEOL 4403 Seds and Strat**
The main purpose of this course is to provide you with a broad foundation in sedimentary geology, one of the key sub-disciplines of the Earth Sciences. The course will consist of a combination of lectures, labs, a written paper on a topic of choice including an oral presentation, plus a weekend of fieldwork in the Rio Grande Delta and a road field trip during Spring Break. While the course is not extremely difficult, we will cover a lot of ground so you should be prepared to spend a substantial amount of time studying the class materials.
- **MARS 2310 Marine Ecosystem Dynamics**
This course investigates the interactions between organisms and the physical processes that regulate productivity and distribution of marine life in oceanic and coastal ecosystems.
- **MARS 3320 Marine Biogeochemistry**
An introduction to the physical chemistry of seawater. Topics will cover seawater salts, redox chemistry, and nutrient cycles. Students will identify the origin and sources of seawater; explain the processes that influence seawater composition: understand the major nutrient cycles and their relationships to the crust-ocean-atmosphere "factory"; discuss anthropogenic effects on the major chemical cycles.
- **MARS 3350 General Aquaculture**
This course is a general study of the husbandry, economics and environmental impact of cultured aquatic plants and animals. Specific culture of three diverse organisms will be used to cover important concepts in depth. This course provides students with sufficient breadth and depth of knowledge on the husbandry, economics and environmental impact of cultured aquatics plants and animals, that the student can successfully engage opportunities in aquaculture at both the professional and entrepreneurial levels. This course is geared towards students pursuing a degree in either Biology, Marine Sciences, Agriculture or the Environment. Course topics include Hatcheries, Nurseries, Grow-out, Nutrition, Diseases, Genetics, Aquaponics, Entrepreneurship, Environmental Impact, Overview on the culture and commercial markets of aquatic plants, and in-depth focus of species representing three commonly cultured animal groups; the Freshwater prawn (shrimp), Oysters (mollusk), and Tilapia (fish).
- **MARS 4410 Marine Botany**
A study of the common local marine flora with emphasis on macroscopic algae, sea grasses and terrestrial angiosperms. Students are expected to furnish their own transportation to field laboratory sessions at South Padre Island.
- **MARS 4426 Marine Ecology**
This course is an introduction to marine ecology. It will include discussion of marine ecosystems and processes with a focus on the marine environment of South Texas.
- **MARS 4430 Coastal Ecology**
This course examines the major near shore habitats and communities of the western Gulf of Mexico including: beaches, sand dunes, estuaries, salt marshes, mud flats, sea grass meadows, and rocky shores. Emphasis is placed on directed, field-oriented, group, and/or individual research projects.

SCHOOL OF ACCOUNTANCY

- **ACCT 2301 Intro to Financial Acc**
Emphasizes the preparation of financial reports for, and their use by, external constituents. Students will explore the nature of accounting, introduction of basic accounting concepts, procedures and interpretation of financial statements. The various uses of accounting information in decision-making, accounting issues concerning income and cash flows, economic resources and capital will be discussed.
- **ACCT 2302 Intro to Manag Acc**
This course emphasizes accountability and financial reporting to citizens and other constituents. Focus on control of public resource flows in governmental and not-for-profit organizations in the absence of ownership and profit motive.
- **ACCT 3321 Intermediate Accounting I**
Discussion of the theoretical concepts and technical procedures underlying the preparation of external financial reports by corporations. Differences between U.S. GAAP and IFRS are discussed.
- **ACCT 3323 Income Taxation**
Analyzes the federal income tax rules as they apply to individual taxpayers. Includes examining the tax implications of property transactions.
- **ACCT 3324 Cost Acc & Mgt**
This is an upper-level accounting course. This course complements the coverage of ACCT 2302 and focuses on cost accumulation and allocation, process costing, activity-based costing, standard costing, variance analysis, strategic profitability analysis, etc. Students are expected to analyze and solve cost accounting problems and interpret the results. We will emphasize the intuition behind concepts to minimize the need to memorize.
- **ACCT 3325 Gov and Not-for-Profit Acc**
Focus on control of public resource flows in governmental and not-for-profit organizations in the absence of ownership and profit motive. The course emphasizes accountability and financial reporting to citizens and other constituents.
- **ACCT 3326 Accounting Information Systems**
Application of theories of organization to problems of educational institutions; designed to develop diagnostic skills necessary for successful administration of complex educational enterprises.
- **ACCT 4327 Auditing**
This course exposes students to the theory and practices of auditing, primarily from the independent auditors' perspective. Legal, ethical, and social responsibilities of auditors, as well as written and oral communication skills development are emphasized. Specialized information resources and their uses in decision making by auditors comprise an integral part of the course.
- **ACCT 4350 Ethics for Accountants**
This course examines the principles of integrity, objectivity, independence and professionalism, as well as compliance with the rules of professional conduct. Consideration is also given to how corporate ethical codes of conduct function in corporate governance and as a matter of law. Decision making within the framework of professional standards is discussed.

INFORMATION SYSTEMS

- **INFS 1001 VCOBE Computer Proficiency**
Utilizing Blackboard, new incoming students are informed of appropriate university and degree-related announcements, activities, and responsibilities, and are assessed for computer proficiency.
- **INFS 1301 Computer Information Systems**
This course serves as an introduction to the primary components of a business computer system and to the primary application software packages used to increase productivity of business professionals. These topics will be reinforced with microcomputer laboratory exercises. Students failing to demonstrate computer proficiency who wish to take advanced business courses in the must take this course.
- **INFS 2300 Data Modeling Management Tools**
Students taking this course will learn to build, enhance, and manipulate business spreadsheets; to make reports and charts; to conduct what-if analyses; and to complete advanced analyses in Excel. They will also be introduced to the steps involved in building, maintaining, and enhancing databases, and working with tables, queries forms and reports. They will learn how spreadsheets and Microsoft databases can share information with other Microsoft programs.
- **INFS 2398 IT for Stud Success-Career Dev**
In this course, students gain empirical and quantitative skills using computational techniques, descriptive statistical techniques, and simulation applicable to decision making that are needed to succeed in courses within the Bachelor degree programs. This course provides students with the methodologies to approach problems in an ethical, rational and logical manner by developing statistical, decision analytical, and simulation techniques that have been applied to problems arising in a variety of areas.
- **INFS 3308 Global Information Infrastrur**
This course introduces students to the basic concepts of computing and information technology infrastructure components in the context of the contemporary business environment. Topics include computer architecture, traditional packaged and open source software, operating systems, cloud computing, virtualization, web services and multimedia, and business impacts and strategies for these technologies. Prerequisites: All students pursuing a Bachelor of Business Administration or Bachelor of Arts in Economics from VCoBE, must apply for and be admitted to VCoBE before they are allowed to enroll in the Advanced Business Core and Major coursework for their degree.
- **INFS 3380 Global Information Technology**
The purpose of this course is to investigate the role of information technologies in multinational settings. This course will examine the international business environment and how information systems and technology can be effectively utilized in multinational environments.
- **INFS 3390 Management Information Systems**
This course is a study of the use of current information technology in strategic decision-making and operations of modern organizations, both public and private. The course examines how organizations plan, develop, implement, and maintain information systems to take advantage of recent technological advances in information technology.
- **INFS 4308 Project Management**
This course presents the specific concepts, systems, and technologies for managing information system projects effectively. This course leads the students through a complete project life cycle, from requirements analysis and project definition to start-up, reviews, and phase-out. The role of the project manager as team leader is examined together with important techniques for controlling project costs, schedules, and performance. Lectures, case studies, a research project, and group discussions are combined to develop the skills needed by project managers in today's business environments.

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College of Business & Entrepreneurship

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- **QUMT 2341 Business Statistics I**
An introduction to descriptive statistics and statistical inference. Topics include collection, organization, and visualization of numerical data, central tendency, dispersion, probability theory, conditional and joint probabilities, counting rules, discrete and continuous probability distributions, sampling distributions and central limit theorem, and statistical concepts in quality control.
- **QUMT 2398 Decision Analytics**
In this course, students gain empirical and quantitative skills using computational techniques, descriptive statistical techniques, and simulation applicable to decision making that are needed to succeed in courses within the Bachelor degree programs. This course provides students with the methodologies to approach problems in an ethical, rational and logical manner by developing statistical, decision analytical, and simulation techniques that have been applied to problems arising in a variety of areas.
- **QUMT 3341 Business Statistics II**
This course extends the students introduction to statistics. Topics include confidence intervals, hypothesis testing for means and proportions, analysis of variance, correlation, simple and multiple regression, and time series decomposition.

INTERNATIONAL BUSINESS AND ENTREPRENEURSHIP

- **BLAW 3337 Business Law I**
The course is a study of the development and function of the legal environment of business. It examines the development of case law and precedents, the application of procedural and substantive law pertaining to civil and penal matters, and the study and analysis of cases and analysis of law relating to basic business practices. Students will differentiate for ethical behaviors and social responsibility in business.
- **INTB 3330 International Business**
Business concepts, analytical processes and philosophical bases for international business operations. Emphasis is on environmental dynamics, multinational business organizations, cultural and economic constraints, unique international business practices and international operations, strategy, and policy. Content includes: Natural resources and environmental sustainability / Political and trade forces.
- **INTB 3331 International Law**
This course covers a wide range of topics including differences in national legal systems, the formation of international law through treaties and practice, and the relationship between international law and domestic law. It may include such topics as immigration law, human rights, intellectual property protection, the settlement of international disputes, and customs law.
- **INTB 3350 Global Acct**
This course examines a broad array of topics and issues that international organizations face while operating in different countries, including the effects of socio-economic and cultural factors on the development of accounting standards in different regions of the world. Examines the similarities and differences between select U.S. and International Accounting Standards.
- **INTB 4393 International Business Topics**
Globalization and Consumption Culture.
- **MTML 3310 Import/Export Theory**
This course covers a wide range of topics including differences in national legal systems, the formation of international law through treaties and practice, and the relationship between international law and domestic law. It may include such topics as immigration law, human rights, intellectual property protection, the settlement of international disputes, and customs law.
- **MTML 4310 Forecasting**
This course is concerning the various business forecasting techniques. This is a quantitative course designed to provide instruction in common techniques used in forecasting as well as the ability to understand the limitations and short comings of various models as well as the ability to interrupt the data.
- **MTML 4330 Import/Export Operations**
This course is designed to expose the student to the fundamentals of import and export operations in a global environment. Topics include document preparation, valuation, security considerations and shipping via various modes of transportation.
- **ENTR 3340 New Venture Creation**
This course has an integrated service-learning component that allows for real-world experience that addresses community needs. Course description: The skills needed for evaluating and ensuring the success of a business opportunity include team building, organizing, planning, integrating, and persuading. The course will develop creativity and innovation skills through hands on learning to help students better identify, create and implement entrepreneurial solutions. Students will create a new product concept.
- **ENTR 3356 Intro to ENTR**
This class addresses the unique entrepreneurial experience of conceiving, evaluating, creating, managing, and potentially selling a sustainable business. The goal is to provide a solid background with practical application of important concepts applicable to entrepreneurial environment. Entrepreneurial discussions regarding the key business areas of finance, accounting, marketing and management include the creative aspects of entrepreneurship.

ECONOMICS & FINANCE

- **ECON 1301 Introduction to Economics**
This course will use economic analysis to examine past and present social, economic, and political issues and problems. In particular, the student will have the opportunity to develop an understanding of how the social, economic and political systems, through their institutions and structures, affect a variety of issues in the economy and society. While the focus is on the U.S., international issues will also be addressed.
- **ECON 2301 Principles of Macroeconomics**
Provides an introduction to the economy as a whole. Topics include national income and output, unemployment, inflation, market forces and economic growth, international linkages (such as trade deficits), and economic, social and political structures and institutions (such as fiscal and monetary policies and the Federal Reserve System).
- **ECON 2302 Principles of Microeconomics**
Introduction to the economic problem and the fundamentals of microeconomics. Analysis of the market system (including market failure), consumer demand, the firm's supply decision, product and resource markets, resource allocation and efficiency and international linkages (such as comparative advantage).
- **ECON 3343 Econ of Gov Sector**
This course analyzes and discusses the economic roles of the government; public sector economic decision-making; and the effects of government expenditures and taxation on resource allocation, income distribution, and economic growth. The course also includes topics such as education, income security programs, pollution control, and deregulation. A primary component of this course will focus on "real world" issues.

Robert C. Vackar

College of Business & Entrepreneurship

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- **ECON 3351 Macroeconomic Theory**
Provides an analysis of the construction, character and operational uses of the macroeconomic models of classical, Keynesian, Monetarist and Neoclassical schools of thought. Applications of the foregoing models to such issues as inflation, unemployment, economic growth, interest rates, and investment in the U.S. economy are emphasized.
- **ECON 3352 Microeconomic Theory**
Provides an in-depth study of the theory of consumer demand and the theory of the firm. Supply and demand analysis and different market structures are also discussed.
- **ECON 3353 International Trade**
Provides an analysis of the mechanism of international trade and its effects on the domestic economy. Emphasis is placed on the issues of comparative advantage, trade barriers, international factor mobility (including foreign direct investment) and trade agreements.
- **ECON 3358 Labor Economics**
Provides an in-depth analysis of labor market structures and processes, patterns and determinants of employment and wages, labor force participation, unemployment, discrimination and human capital.
- **ECON 3360 Managerial Economics**
Applies economic reasoning to entrepreneurial decision making. The course covers topics such as personnel economics, production theory, pricing policies and investment planning.
- **ECON 3381 Money and Banking**
As markets expand and develop on a national and international level, the importance of money, banking, and other financial markets expands to accommodate innumerable exchanges. This course will allow you to understand the origins and nature of money, as well as the institutions and markets that enable the exchange of goods and services. Moreover, it will help you develop an appreciation for important concepts in economics, from interest rates and central banking to stocks, bonds, and foreign exchange.
- **FINA 3380 Introduction to Finance**
Analyzes the finance function in the firm and the specific responsibilities of the firm's corporate manager. Emphasis is placed on financial decisions using managerial information systems as an integrating force to deliver planned results. This study includes, but is not limited to, decisions affecting the internal management of the firm and the acquisition of new assets and funds.
- **FINA 3382 Investment Principles**
Provides an overview of the valuation of investment securities of corporations and governmental agencies. The purchase and sale of securities through brokerage houses and investment banking firms are also studied.
- **FINA 3384 Fundamentals of Real Estate**
Studies the physical and economic characteristics of real estate, particularly as they relate to law, taxation, appraisal, marketing and finance. The purpose of this course is to provide a general overview of the financial management of firms.
- **FINA 3386 Fina Institutions & Markets**
The purpose of this course is to give the students an introduction of the main features of the financial institutions and markets in the U.S. Through lectures, discussions, examinations, and group projects, the students are expected to grasp basic knowledge of dynamics of financial markets and their interaction with suppliers of funds, particularly financial intermediaries.
- **FINA 3393 Entrepreneurial Finance**
Provides an in-depth analysis of venture financing and techniques to manage entrepreneurial risk.
- **FINA 4381 International Finance**
Discusses the application of finance principles in the international environment, including the nature of the balance of payment mechanism, the factors affecting the foreign exchange market, defensive techniques to protect the business against foreign exchange risk and the investing, financing and working capital management within a multinational firm
- **FINA 4383 Corporate Finance**
This finance major capstone course focuses on the major decision areas of corporate finance. This course builds on the theoretical concepts and empirical evidence presented in introductory courses of corporate finance, investments, and financial markets

MANAGEMENT

- **MGMT 1301 Intro to Business**
A survey of the various fields of business and their interrelationships, production and distribution systems, finance, accounting, statistics, capital, labor, marketing, taxes, governmental regulations, and other aspects of business necessary for understanding modern business enterprises and organizations.
- **MGMT 3361 Principles of Management**
The management functions of planning, organizing, leading, and controlling provide the foundation for this course. Emphasis is placed on organizational theory and behavior.
- **MGMT 3362 Human Resource Management**
This course focuses on the current developments within the field of human resource management. Students will study the concepts, principles, policies, and organizational procedures used by businesses in the management of personnel. Topics include employment law, recruitment, selection, compensation, training and development, career management, performance management, collective bargaining, labor relations, and employee health and safety.
- **MGMT 3365 Compensation**
This course is designed to provide an understanding of the process of compensating and appraising human performance in organizations. The course will examine different methods of job evaluation to determine internal equity, wage surveys to determine external competitiveness and pay structures to determine employee equity.
- **MGMT 3366 Recruitment & Selection**
This course is designed to provide an understanding of the process of recruitment and selection in organizations. It will cover the basic aspects of these areas (e.g. job analysis, legal issues, selection devices) as well as current issues such as global staffing, downsizing, and contingent workers. While the focus of the course is from an organization's point of reference, a significant portion of the requirements will aid students in developing the tools, resources, and awareness to get placed and promoted in organizations.
- **MGMT 3368 Negotiations**
This course is designed to improve your ability to negotiate successfully. This will be achieved through developing your understanding of the principles, strategies, and tactics of effective negotiation and professional relationship management. You will learn to identify and assess the variables in negotiations, develop sound negotiation planning techniques, and develop an understanding of various strategies and tactics to use as you ethically resolve conflicts, transactional, and interpersonal differences. The course methodology is highly participative and relies on experiential learning, feedback, and an openness to change and development.
- **MGMT 4304 Business & Society**
The ethical and social responsibilities of business are analyzed using basic ethical principles. This course also examines the relationship between business and stakeholders such as employees, customers, investors, and the community, and considers the impact of external factors such as cultural trends, governmental regulations, and legal rulings.

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Robert C. Vackar

College of Business & Entrepreneurship

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- **MGMT 4311 International Management**
The course focuses on the study of global management practices of planning, organizing, staffing, communicating, negotiating, leading, and controlling across nations. This includes the adaptation of these management functions across social, cultural, economic, legal, ethical, and political environments. The course explores the intersection of these topics with current business events.
- **MGMT 4321 Organizational Behavior**
This course focuses on the study of management theory with emphasis on the investigation of individual and group behaviors within organizations, and organizational structure. Covered areas are individual differences, group dynamics, leadership, motivation, goal setting, communication, decision making, and diversity. Good business writing is important in this course.
- **MGMT 4356 Foundation of Entrepreneurship**
Entrepreneurial ventures and new businesses have many special characteristics. This course focuses on identifying entrepreneurial opportunities and managing a growth-oriented business.
- **MGMT 4362 Business and Sustainability**
This course is designed to introduce students to the concept of sustainability and sustainable business models. All three aspects of sustainability – economic, social and environmental – are emphasized. The goal is to educate students on how companies can integrate the three aspects of sustainability and incorporate them into strategy and operations. The sustainability project conducted with an actual company will be written up as a research paper and presented to the class as a formal business presentation.
- **MGMT 4363 Operations Management**
This course is concerned with strategic operational decisions, designing systems and developing the operations planning and control processes for managing organizational resources in accordance with the overall business strategy. The basic approach to be followed is to study the important problems that confront operations managers and the decision processes by which they are resolved. Both manufacturing and service operations are emphasized. Quantitative skills are applied in this course.
- **MGMT 4365 Quality Management**
Quality Management (QM) is an integrative management concept for continuous improvement of the total quality of both goods and services through the participation of all levels and functions of the organization. In order to understand the real life applications of quality management, industry experts will discuss the implications of quality for their industries and students will be involved in working with companies on actual quality problems. In addition, case discussions and videos will be used to enhance the students' understanding of the key points in lecture
- **MGMT 4367 Purchasing & Supply Chain MGMT**
A study of the integration and coordination of activities, such as purchasing, outsourcing, materials management, logistics, supplier selection, global sourcing, and international distribution, to create an effective flow of materials and information from suppliers to customers. Topics include Legal & Ethics, and other Supply Responsibilities.
- **MGMT 4370 Project Management**
This course focuses on the organizational function of managing projects process. It uses cases and applications in service sectors to enhance student understanding about the issues and challenges of managing workflow.

MARKETING

- **MARK 3300 Principles of Marketing**
The marketing structure as it operates in our economic system, with emphasis on improving the flow of goods and services from producer to consumer. Practical application of principles and techniques. Learning objectives include the following: understanding of the major marketing theories and their relevance on today's business environment; engaging in constructive criticism and collaborative decision making within a group; and critical thinking and problem solving abilities.
- **MARK 3310 International Marketing**
The development of the international marketing mix for the multinational organization, and an in-depth look at global versus domestic marketing management. Emphasis is placed on adapting marketing concepts and strategies to accommodate individual environmental differences in the development of international marketing plans.
- **MARK 3340 Consumer Behavior**
This course is an overall view of the basic perspectives of consumer behavior. An interdisciplinary approach is utilized by studying the fields of economics, psychology, sociology, and anthropology as they relate to marketing. Emphasis is placed on the fundamental process of motivation, perception and learning, as well as analysis of individual predispositions and group influences in marketing.
- **MARK 3382 Branding**
This course covers four major tasks facing today's brand managers: analyzing the market; developing objectives and strategies for branding; developing or improving the brand; and making decisions about price, promotion, channels of distribution, and service. It takes a hands-on approach toward preparing students to assume the position of brand manager.
- **MARK 4350 Marketing Research**
This course covers quantitative research procedures and techniques used in business today. These include problem definition, sources of research data, survey methods, questionnaire design, and sampling techniques. Practical application of procedures and techniques is emphasized through class research projects.
- **MARK 4360 Social Media & eMarketing**
This course explains how strategic marketing communication has changed due to the rise of social media, and equips students with relevant knowledge and skills to develop marketing communication strategies that incorporate social media and cutting-edge consumer-to-consumer social interactions. The course will also cover related aspects of digital marketing, electronic commerce, and mobile marketing. For example, students will have the opportunity to evaluate existing websites and learn theories of improving the customer utility of websites.
- **MARK 4385 Integrated Marketing Comm**
This course focuses on the development and management of an organization's integrated marketing communications to ensure that messages received by customers are consistent across time, media channel, and communication source with special attention to online (i.e., e-marketing campaigns or programs) and offline communications (e.g., print, mail order, public relations, industry relations, billboard, radio, and television).
- **MARK 4395 Fashion Design & Pop Culture**
This course covers the productions, consumption and regulation of fashion industry, products, and services. It familiarizes students with fashion industry's links to popular national cultures, subcultures, advertising, and marketing. It details the process of fashion design (e.g., idea generation and screening, concept development and testing, business analysis, market testing, commercialization, and pricing).

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COMMUNICATION

- **COMM 1307 Intro Mass Comm**
Provides an overview of the relationship between the mass media and society from a historical perspective and will examine current trends such as the impact of media technology on society. The theories of mass communication will be examined.
- **COMM 1311 Intro to Communication**
COMM 1311 introduces basic communication principles in a variety of contexts including interpersonal small group, and public speaking. Students will learn to adapt and deliver verbal and nonverbal messages to communicate effectively with family, friends and coworkers. Students will also learn how to successfully develop and deliver a persuasive presentation.
- **COMM 1315 Public Speaking**
Instruction and practice in speech preparation and delivery. Includes audience analysis, selecting and developing the topic, drafting the speech outline, arranging and intensifying the speech, use of visual aids and supporting materials, effective delivery techniques, and speech evaluation. Stresses logical thinking as a basis for formulation of the communication message.
- **COMM 1318 Interpersonal Communication**
This course aligns with the bilingual, bicultural, biliterate mission of UTRGV and thus is taught bilingually. Course description: Instruction and activities in the principles of human communication and interaction. Includes self-concept, self-disclosure and risk, defensiveness, perception, empathy, semantics and abstraction, emotions and behavior, nonverbal communication, listening and feedback, relational communication, assertiveness, and conflict management.
- **COMM 1336 Television Production**
This course is an introduction to television studio operations with emphasis on television production. It covers cameras, microphones, lights, setting, and performers.
- **COMM 2310 Video & Film Editing I**
In this course the student will learn the basics of non-linear editing using a variety of software. Prerequisite or Co-requisite: COMM 1336 TV Production or with permission of instructor. Prerequisites: Credit/registration in COMM 1336 or consent of instructor.
- **COMM 2333 Small Group Communication**
This course is designed to facilitate students' learning of the theory and practice of group and team communication. Through lectures, discussions, readings, exercises, and assignments, we will investigate several concepts related to group and team communication. Topics related to groups and teams include: systems, norms, roles, cohesiveness and groupthink, group development and team evolution, diversity, verbal and nonverbal communication, listening and feedback, decision making and problem solving, creativity, conflict management, and leadership.
- **COMM 3303 Writing for Mass Media**
Through lectures and assignments, students will learn how to write for the mass media, how to gather and report or present information through the mass media. Students will learn to write well for the mass media; how to be analytical and conscious reporters and writers; the importance of checking and rechecking details; and the importance of ethics and professionalism.
- **COMM 3304 Ad: Theory & Practice**
Principles of advertising as they are applied and used in radio, television, film, print media, and theatre. Practice in writing advertising copy, layout, and design.
- **COMM 3305 Copy Editing**
This course focuses on copy editing and headline writing using the Associated Press Style Manual as a guide. Prerequisite: COMM 3303 with minimum grade of C.
- **COMM 3313 Business & Tech Comm**
An introduction to communication in the workplace. Topics include listening skills, interpersonal communication, organizational culture, and diversity, interviewing skills, communication in groups, teams and meetings, developing effective business presentations, and sharpening business writing skills.
- **COMM 3316 Intercultural Communication**
This course investigates the interaction between culture and communication from an interpretive/ethnographic perspective. Through understanding culture, communication, identity, language, nonverbal codes, it will examine causes of misunderstanding in intercultural interactions. It will further look into barriers to successful intercultural relationships and effective ways to handle intercultural conflicts. Students will understand that communication is deeply a cultural process. Ultimately, such cultural awareness and sensitivity will help students interact more successfully with people from diverse cultural background.
- **COMM 3317 Comm for Classroom Teacher**
This course is designed for students who want to teach, train, and develop others. Although the course is targeted primarily to teachers who want to work in the public school system, the course is ideal for those who want to work in other professional instructor roles: corporate trainers, health trainers/educators, communication consultants, educational leaders, and those preparing to be graduate teaching assistants.
- **COMM 3321 PR: Theory & Practice**
Planning and preparation of publicity materials for media, application for public relations techniques, and clinical study of current public relations campaigns. Some laboratory work in the Department of Communication.
- **COMM 3326 Photojournalism**
Principles and practices of photojournalism. Topics include news photography and interrelationship with text. Participation in campus publications is encouraged. Student must own an appropriate digital camera.
- **COMM 3327 Reporting I**
An introduction to reporting focusing on writing articles in journalism style for print media, the course examines information gathering, interviewing techniques, and reporting skills. Classes are conducted in computer lab rooms when available. Prerequisite: COMM 3303 with minimum grade of C.
- **COMM 3331 Interview: Theory & Practice**
Theory, application and selected practice of the interview process in a variety of situations. Students have the opportunity to develop basic skills in selection, appraisal, counseling, discipline, exit, persuasive and focus interviews; interviews in mass media contexts, in data analysis and in other important techniques. Ethical guidelines stressed throughout.
- **COMM 3332 Organizational Communication**
This course is a study of the role of communication in organizational contexts. Students in this course will apply cognitive and behavioral skills in critical listening and thinking within multiple venues of human communication; exhibit an appreciation and tolerance for the culturally diverse patterns in human communication; demonstrate ethical communication practices; be able to assess his/her own level of communication competency and critique others' level of performance in verbal and nonverbal communication; and demonstrate knowledge and understanding of information.

College of Liberal Arts

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- **COMM 3335 Adv Public Speaking**
Theory and intensive application of various public speaking situations - informative, persuasive, and special occasion speeches. Critical thinking, analysis, reasoning, support for assertions, humor, and clear organization are stressed. Ethical communication and an audience-centered approach are central issues. Prerequisites: Minimum grade of C in COMM 1315 or COMM 1311.
- **COMM 3336 Media, Race, & Ethnicity**
This course addresses the origins, consequences, and perpetuation of stratification, specifically by race and ethnicity, and the intersections of race, ethnicity and racism with social class, caste, gender, country, culture, region of the world, type of country, and stratification within statuses. Students will be introduced to an array of theories and empirical research regarding stratification and inequality, theories of race, racism and ethnicity, theories of social class, and theories emphasizing intersectionality and complexity
- **COMM 3339 Broadcast Audio Production**
This is an introductory course in audio production for broadcast, field production, and non-broadcast applications. This course provides an overview of digital non-linear editing and radio station operations. The theories, tools, techniques, and regulatory controls of audio production are studied. Students are required to complete laboratory exercises for this course.
- **COMM 3345 Gender Communication**
This course is designed to provide students with an understanding of and an appreciation for the communicative and cultural differences between the sexes. Students will develop an understanding of the characteristics related to gender communication, become familiar with crucial issues and problems facing individuals of differing gender, and gain practice in applying this acquired knowledge and appreciation to improve trans-gender communication.
- **COMM 3346 Health Communication**
This course offers a broad overview of both theoretical and applied approaches to health communication. Students will be exposed to a variety of health communication topics including issues in provider-recipient communication, decision making, social identity, family dynamics, the role of culture in health and disease, health care delivery, and health information campaigns. Specific attention will be paid to the process of creating and organizing health interventions tailored to a particular health threat and target audience.
- **COMM 3349 Multi-Media Storytelling**
Gives students hands-on experiences in reporting, producing, and presenting stories for the twenty-first century media environment. Focus is on creative and technical challenges involved in multi-media storytelling. Instruction in audio, video, reporting/interviewing, software, editing, and photography skills necessary to produce compelling multi-media projects. Prerequisites: Minimum grade of C in COMM 3303 and COMM 1336.
- **COMM 3350 Research in Communication**
Major methods of research used in the concentration areas of communication: speech communication and journalism/mass media. Each student is responsible for the successful completion of a research project. Required of all communication majors.
- **COMM 3351 Broadcast News Writing**
Development of skills and practice in the art of writing news for radio and television. Scripts will be written and evaluated as related to audience, medium, and structure. Prerequisite(s): Minimum grade of C in COMM 1336 and COMM 2310.
- **COMM 4306 Adv Interpersonal Comm**
In this course we are going to examine interpersonal communication as an ongoing, complex, and collaborative symbolic process through which people mutually construct meanings, build relationships, and manage identities. Assuming that human beings are strategic and proactive, it will provide you with knowledge, skills, and techniques that help you turn communication walls into bridges and improve the quality of your life personally and professional
- **COMM 4309 Nonverbal Communication**
This course is designed to provide students with an understanding of the logic underlying nonverbal behavior and its influence on/in human communication. This course will prepare students to effectively identify the differing types of nonverbal information; understand the effects of each type of nonverbal information on human communication; and demonstrate an ability to apply these elements to a personally selected "ecologically valid" environment/context
- **COMM 4310 Media Planning**
This course covers the strategic selection of media use and placement of advertising messages in the media. Includes the study of media characteristics, market research, media strategies, media analysis, media-market measurements, and the development of media plans. Emphasis is on the analysis of major mass media strategies, tactics, and planning. Prerequisite: COMM 3304 with minimum grade of C.
- **COMM 4312 Video & Film Editing II**
From news stories to feature films, the video film editing step is the last rewrite of the material before it is shown or broadcast. The student will learn professional software and acquire both the arts and crafts of assembling sound and visual into a finished viewable product including sound effects, music, dialogue replacement, and titles as well as exporting in a variety of mediums. Prerequisite: COMM 2310 with minimum grade of C.
- **COMM 4313 Communication Law & Ethics**
The goal of this course is to understand the laws guiding mass media and mass communication. Students will also examine the ethical issues that abound in mass communication and mass media. Students will examine cases and debate some of these policies and laws. By the end of the semester, students should be able to explain, critique and analyze the laws and ethical issues and policies that affect the media, even after you graduate.
- **COMM 4315 Persuasive Communication**
Persuasive techniques and rhetorical principles as they apply to verbal and nonverbal communication where the goal is social influence. In-class speeches and projects stress practical application of persuasive strategies. Persuasive characteristics of contemporary culture, structure, and content of persuasive messages, source credibility, propaganda, ethics, and role of attitudes, belief systems, and values in persuasive communication.
- **COMM 4322 Public Relations Writing**
This is an intensive writing course. Student will be given the opportunity to research and write for a variety of formats such as news releases, backgrounds, and pitch letters. Prerequisites: Minimum grade of C in COMM 3303 and COMM 3321.
- **COMM 4332 Visual Communication**
Computer production of a variety of print media publishing, including layout, design, and writing.
- **COMM 4334 Communication Campaigns**
This course will cover the development of communication campaigns from the initiation of a situation analysis, research to final execution. Students will also be given the opportunity to evaluate the effectiveness of campaigns. Prerequisites: [[COMM 3304 or COMM 3321] and COMM 3350 and COMM 4335] or consent of instructor.
- **COMM 4335 Creative & Media Strategies**
This course will focus on the development of effective creative strategies based on solid research and clear objectives. Media planning, buying, and placing will also be covered. Prerequisites: Minimum grade of C in COMM 3350 and either COMM 3304 or COMM 3321] or consent of instructor.

College of Liberal Arts



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- **COMM 4336 Applied Leader Comm**
In this course theoretical models used to identify different leadership styles employed in organizations are studied. The various leadership styles and their associated communicative behaviors are closely examined.
- **COMM 4345 Conflict Management**
An examination of the communication theories and processes involved with interpersonal conflict. Students develop critical thinking skills that help them frame and analyze conflict situations enhancing their ability to apply the concepts and techniques learned in class to conflict situations that occur in personal and professional contexts.

CRIMINAL JUSTICE

- **ALAW 3309 Workforce Ethics**
This course provides students with theoretical definitions, ethical concepts, and ethical dilemmas related not only to business organizations but also for their personal lives. Ethical dilemmas provide opportunities for students to recognize and apply their career professional code of ethic
- **ALAW 3312 Evidence**
This course covers the rules, techniques and methods applied to the acquisition, admissibility and use of evidence in trial and administrative proceedings. Practical experiences include research and drafting legal documents in the context of evidentiary situations.
- **ALAW 3315 Criminal Law and Procedure**
Upon successful completion of this course, the student will be able to support the effective and efficient delivery of legal services by identifying the sources of criminal and civil laws; explaining the effect of the U.S. Constitution on the rules of criminal procedure; defining the role of case law in substantive criminal law and substantive civil law; describing the role of local rules of court in both criminal and civil law; and drafting various documents that require researching and synthesizing facts and case law to create appropriate legal documents
- **ALAW 4301 Legal Research and Writing**
This course focuses on the goals and processes of legal research and the development of legal research, analysis and writing skills. Topics include traditional and electronic legal resources, correct citation of legal authority, and drafting of effective communication of legal analysis. Prerequisites: ENGL 1301 or ENGL 1387 with C or better.
- **CRIJ 1301 Intro to Criminal Just Sys**
This course is an examination of causes of delinquency and the juvenile justice system. Topics may include patterns in delinquency; individual and collective forms of delinquency; and the history, development, and philosophy of the juvenile justice system. Students will understand the basic theories that describe juvenile delinquency from psychology, sociology, and criminal justice perspectives.
- **CRIJ 1306 Court Systems & Practices**
This course will examine judiciary in the criminal justice system with emphasis on the right to counsel, pre-trial release, grand juries, adjudication process, types and rules of evidence, and sentencing. This course will provide an introduction into the inner workings of the judiciary system through historical and present day lenses, as well as promote students to look for and analyze policy implications which are a result of precedent setting court cases.
- **CRIJ 1307 Crime in America**
Examination of American crime problems in historical perspective. Topics may include social and public policy factors affecting crime, crime impact and trends, and the prevention of crime. Within this course we'll explore the many social concepts and inequalities that pave the way to crime itself.
- **CRIJ 1313 Juvenile Justice**
This class provides a brief introduction and overview of juvenile delinquency and the juvenile justice system. This course provides an overview of delinquency, some factors which may contribute to delinquency, and the official treatment of delinquents by the juvenile justice system, inclusive of both preventative and corrective measures. The course focuses on the juvenile justice system inclusive of police treatment of juveniles, the juvenile courts, and juvenile corrections (community based corrections and institutional corrections).
- **CRIJ 2313 Correctional Sys & Practices**
This course will provide an overview of the correctional system in the United States including the application of punishments and post release supervision. Included in the course will be a capital punishment, incarceration, parole, supervised release, and probation. Also, various forms of intermediate supervision will be discussed such as electronic monitoring, home confinement, and halfway house placement.
- **CRIJ 2328 Police Systems & Practices**
This course will provide students with an overview introduction of the role of police in the criminal justice system and the broader society. The course will emphasize the development of policing, agencies of law enforcement, and role and places of law enforcements in contemporary America. Course content will provide students a general overview of policing in the United States. Moreover, some important and controversial issues and topics in terms of policing will be discussed and examined in the class.
- **CRIJ 3303 Criminology**
This course is designed to provide an over perspective of the crime problem with special emphasis given to the philosophical and theoretical ideas pertaining to crime and its control, including an examination of the victim and criminal typologies. The student will recall, classify, and discuss major criminological theories and explanations for crime and delinquency. Students will also examine crime measurement and crime typologies and theories of victimization. The student will apply criminological theory to current issues and real-world situations.
- **CRIJ 3304 CJ Research Methods**
Examination of quantitative and qualitative research designs. The course covers the steps in the research process, from data collection to analysis.
- **CRIJ 3305 Statistical Applications in CJ**
Examination of the use and application of statistics in Criminal Justice. Topics may include descriptive and inferential statistics, measures of central tendency, probability theory, and tests for statistical significance. Prerequisites: any MATH course in the Core Curriculum with a minimum grade of C.
- **CRIJ 3310 Constitution & Criminal Law**
The course is intended to provide students with a background in constitutional law under the U.S. and Texas Constitutions as each affects criminal justice. Specifically, the course will focus most heavily on constitutional rights under the 4th, 5th, 6th, and 8th Amendments of the U.S. Constitution; how and why almost all of the guarantees of the U.S. Bill of Rights have been applied to the states; and a defendant's constitutional rights under the Texas Bill of Rights
- **CRIJ 3316 Criminal Evidence & Proof**
This course examines the standards of, and theories behind, the use of evidence in the courtroom in criminal legal proceedings. While there is undoubtedly a great deal of overlap between the use of evidence in civil and criminal proceedings, the focus of the class will be on criminal proceedings where the protections afforded under both the United States and Texas Constitutions are more prevalent, i.e. unreasonable search and seizure and tainted confessions are rarely an issue in civil proceedings

College of Liberal Arts

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-  **CRIJ 3322 Juv Delinquency**
This course is designed as an examination of causes of delinquency and the juvenile justice system. Topics may include patterns in delinquency; individual and collective forms of delinquency; and the history, development, and philosophy of the juvenile justice system.
-  **CRIJ 3325 Violent Crime & Offenders**
This course is designed to examine the genesis of violence and its expression in criminal and noncriminal forms; theories of violence; the subculture of violence; victim-offender interactions; distribution of violent crimes; gender, class, race, and crime; and proactive and reactive measures to control violent crimes.
-  **CRIJ 3327 Family Violence**
Intimate partner abuse is studied from an interdisciplinary perspective. The cycle of violence, dominance, and control are among the issues covered sociologically and psychologically. The legal perspective includes discussion of proactive arrest policies, restraining orders, and anti-stalking legislation that have emerged across the United States. Key factors associated with recognition of family violence and pertinent research focusing on the subject are also examined.
-  **CRIJ 3331 Legal Aspects of Corrections**
This course focuses on legal problems and principles from conviction to release of the offender, including consideration of convictions, sentencing, imprisonment, conditional release, post-conviction procedures, prisoners' rights, probationers' rights, and the legal responsibilities of correctional workers
-  **CRIJ 3341 Probation & Parole**
The philosophy, history and principles of probation, parole and other community-based treatment programs; philosophy of punishment and rehabilitation; trends, practices and current research in probation and parole, including methods of analysis, selection and prediction.
-  **CRIJ 3344 Gender, Crime, & Crim Just**
This course will primarily focus on the socio-historical treatment of women, as well as the gender constructs in society. The course will explore issues of inequality, subordination, domination, discrimination, oppression, criminality, and justice. In order to promote the use of critical analysis, the intersections of race, class, and gender will be used as a tool for deconstructing the stereotypes used to promote inequality and oppression.
-  **CRIJ 3353 Human Trafficking**
Provides an in-depth survey of the forms of human trafficking and contemporary slavery; examines the global context of human trafficking; the trafficking process and its victims; and national and international efforts for combatting trafficking.
-  **CRIJ 4312 Law Enforcement & Supervision**
This course is designed to examine the principles involved in law enforcement supervision. This includes, but is not limited to concepts of leadership; psychology; complaint and grievance procedures; morale building; duties and responsibilities of command-level personnel; supervisory problems and responsibilities relating to discipline; and internal affairs investigations. The design of this course is to provide the advanced student an opportunity for an in-depth analysis of the dynamics of police supervision.
-  **CRIJ 4313 Issues in Law Enforcement**
This course has been designed to provide the student with an overview of some of the central issues in the field of law enforcement. These issues must be dealt with not only by law enforcement personnel, but also by legislators and citizens. This course will touch on a number of topics inclusive of, but not limited to: the history of law enforcement and past roles played by the police; social inequality and the criminal justice system; the effectiveness of law enforcement; and the changing nature of law enforcement in our society
-  **CRIJ 4320 Criminal Justice Org & Manag**
This course is an examination of the criminal justice system from an administrative, leadership, and management perspective. The goals, strategies, and strategic vision of administrators and managers in the criminal justice system differ significantly from those of line-level personnel. This course focuses on major areas of criminal justice administration and management.
-  **CRIJ 4321 White-Collar & Org Crime**
This course will examine issues in white collar and organized crime. This course will introduce students to the history, theoretical explanations and structure of organized and white collar crimes. Areas of examination include but are not limited to the following: drug trafficking, gambling, loan sharking, and business/corporate crimes. Investigative methods and legislative policy considerations will be discussed.
-  **CRIJ 4322 Terrorism**
This course is an examination of the causes and forms of terrorism at the domestic and international levels. Topics may include political, economic, religious, social, and national differences among people and their implications for terrorism; major terrorist incidents and groups; and counterterrorism. Upon completion of the course the students will have a better understanding of terrorism.
-  **CRIJ 4335 Restorative & Comm Justice**
This course will explore principles and ideas of restorative justice and community justice, in comparison with the current system of justice; promoting justice and reducing crime by restoring relationship between victims and offenders; and rebuilding communities and creating community sentiments in favor of doing justice in the community
-  **CRIJ 4341 Correctional Coursework & Coun**
This course is designed to examine the role and techniques of casework in corrections with emphasis on integrating casework and counseling responsibilities and procedures. The course includes an examination of therapy techniques and processes in various correctional settings, and studying of service delivery programs tailored to the specific needs of correctional clients.
-  **CRIJ 4343 Current Issues in Corrections**
This course is an examination of contemporary issues and challenges in corrections. Different aspects of community-based and institutional corrections will be discussed. Students will have the opportunity to debate the advantages and disadvantages of various treatment programs and trends in corrections. The course will cover the various theories that guide correctional practices and policies.
-  **CRIJ 4350 Peace, Nonviolence, & Justice**
Examination of theories and conceptions of peace, nonviolence, and justice; peace among offenders, victims, and society; and achieving peace without the violence found in crimes, revolts, revolutions, terrorism, and punishments. Prerequisites: ENGL 1301 (or ENGL 1387) and (ENGL 1302 (or ENGL 1388) or ENGL 1305) with a grade of 'C' or better and sophomore standing.
-  **CRIJ 4355 Current Issues in the Courts**
This course will consist of a comprehensive review of current research dealing with topics related to our court system. Issues will include court processes, prosecutors and defense attorneys, judges and jurors, plea bargaining and trials, sentencing, specialized courts and appellate processes and the politics which influence them
-  **CRIJ 4356 Law & Society**
This is a course that examines the focal points where law and society intersect. We will be looking at legal, social, and ethical issues both as they currently present themselves in the United States, often from a historical and comparative perspective. When possible, we will include an emphasis on Texas and the Rio Grande Valley.

College of Liberal Arts



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- **CRIJ 4357 Crime Prevention Techniques**
Examination of the theory, practice and techniques of crime prevention, including the resources, strategies and techniques that are mobilized to prevent crime and reduce the fear of crime at the micro and macro-levels of society. Impact of opportunity-based and situational crime prevention theories and approaches will be critically evaluated. Emphasis will be on the socio-cultural and physical surrounding of crimes; and finding ways to reduce the amount and spatial clustering or "hot spots" of crime.
- **CRIJ 4361 Comp Criminal Just Sys**
This course will examine the four major legal systems of the world: the Common law system; the Civil law system; their hybrids; the Islamic law system; and the Socialist law system. The historical developments and/or antecedent conditions, philosophies, theories, methods, and structures, and operations of each system will be examined. International and transnational crimes, including transnational organized crime: drug trafficking, stolen property, counterfeiting, human trafficking, fraud and cybercrime, commercialized sex, extortion and racketeering, money laundering, and corruption are discussed.
- **CRIJ 4370 Senior Sem on Policy**
Examination of the criminal justice system and the policies which have impacted the development of current systems. The course will provide an overview of policy applications in all facets of the criminal justice system in the United States. Prerequisites: Criminal Justice Major with 90 completed hours (36 hours in Criminal Justice).
- **CRIJ 4316 Environmental Crime & Justice**
This course examines bodily and property crimes and harms resulting from abuse and irresponsible use of the local, regional, and global natural environment. Problems with conceptualizing and identifying environmental crime and harm, and therefore victims, are discussed in the context of interest groups having hold over the political system and media. Governmental and non-governmental responses to environmental problems are investigated, including laws and regulations; opposing views of environmentalists, activists, and anti-environmentalists are also considered. These are dealt with under the developing field of "green criminology," which looks at environmental problems having impact on plant, animal, and human life, especially on the powerless sections of societies, and what reactive and proactive measures should be taken to establish just use of the environment.

HISTORY

- **HIST 1301 U.S. History I**
An integration of social, political, and economic history of the United States with attention directed to geography and its influences. The approach is by problems that move chronologically from the earliest colonial period through the Civil War.
- **HIST 1302 U.S. History II**
An integration of social, economic, and political history of the United States with attention to geographical influences. The approach is by problems that move chronologically from Reconstruction to the present.
- **HIST 2322 World History II**
To better understand and live in a global environment, this survey of world history investigates the development and interaction of human societies from c. 1500 to the present. The course emphasizes a comparative analysis of how different societies developed political, social, economic, and cultural systems around the globe and how those societies have influenced each other and become interconnected. The course centers on key historical events and geographic themes.
- **HIST 2327 Mex Am History I**
This course focuses on the individuals, groups, institutions, ideas, and events in Mexican American History through the nineteenth century. Its content begins with an overview of the rise of indigenous civilizations in North America, the formation of a transatlantic Hispanic society, the Spanish conquest of Mexico and emergence of a diverse colonial Indigenous-Spanish-Mexican frontier society across North America. The class concludes with an examination of the Texas War of Independence, the U.S.-Mexico War, and the Civil War, and how these conflicts and their resolutions shaped Mexican American communities.
- **HIST 2328 Mex AM History II**
We will examine the Mexican American/Chicana/o experience in the United States with an emphasis on the Southwest. The history of Mexican-origin people is presented in the context of both Mexican and American history. Through assigned readings, lectures, films, and class discussions we will examine the social, economic, and political conditions that have shaped the diverse backgrounds, experiences, and identities of Mexican- origin people.
- **HIST 3300 Historiography & Methods**
This course is an overview of the historical field and covers the process of historiography and the emergence of major schools of history. We will also examine the public dimensions of history and also consider how historians employ primary and secondary sources. The quest for greater inclusion of marginalized people and neglected stories is also a topic of the class. This course does not emphasize the historical content of a specific geographic area or time period. Our readings will cover a very wide variety of themes, geographic spaces, cultures, and time periods.
- **HIST 3307 Women in History**
The course will introduce students to women's history in Africa and Asia. Students will have a broad understanding of how women's position changed in these regions of the world from pre-modern to modern societies; analyze how actors such as the colonial state, men in patriarchal societies controlled women's lives; and examine how women responded to the limitations in the society. We will explore themes such as women under British rule in India, prostitution in the colonies, Islam and women, and women's reproductive right
- **HIST 3321 US, Rev, & New Nat 1763-1815**
A study of the development of the American nation from the French and Indian War through the War of 1812.
- **HIST 3322 Rise of Am Nation 1815-1848**
A study of the American nation from the War of 1812 through the transformation of American society by the Jacksonian Era, westward expansion, and Mexican War.
- **HIST 3325 Twentieth Century America**
A study of the history of the United States from World War I to the present with emphasis on domestic and foreign affairs and in their relationship to and effect on each other.
- **HIST 3326 Indians of North America**
This course is meant to strengthen our students' historical understanding of the world of the American Indian. students will practice skills in writing, reading, and critical thinking. Along with expanding their historical knowledge, these skills help them become educated members of society, increase their ability to find employment as skilled workers, and make them more competitive when applying to graduate programs. The class will also help connect our students to the Western tradition within the broader world around them.
- **HIST 3329 American Legal History**
This course provides an overview of legal traditions in the United States from the Colonial Era to the present. It traces the relation of law to main currents in political, social, and economic thought in the United States from the establishment of colonial legislatures to the present; appraisal of the social function of constitution-making processes, the legislature, the courts, the bar, and the executive branch in U.S. society; and exploration of the interactions between common and statute law and exceptional constitutional issues like those relating to Native Americans.
- **HIST 3332 Mexican-American History**
This course examines the history of Mexican Americans/Chicanas/os in the United States with an emphasis on the Southwest. We will examine the social, economic, educational and political conditions that shaped the Mexican American experience and the role Mexican Americans have had in the making of America. Some themes include ethnic identity, race relations, labor and labor relations, immigration, citizenship, education, political representation and participation and civil rights activism.

College of Liberal Arts

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-  **HIST 3333 Texas History**
This course covers Texas history through the early twenty-first century. We will begin with an overview of early Native Americans and Spanish and French colonization. Topics covered include the Mexican Independence, the Texas Revolution, Texas' brief existence as an independent republic; U.S. annexation, impact of Reconstruction, The Civil Rights Movements, the "Republican Revolution" and globalization of recent decades.
-  **HIST 3334 History of the American West**
This course will focus on racial, ethnic, class, and gender relations in American Western history. The American West has long been the meeting ground for peoples of differing cultures, drawn together for a myriad of purposes, including trade, familial ties, ritual, economic opportunities, and warfare. Ultimately, this course will enable students to hone their analytical and writing skills, while broadening their understanding of this complex region and its inhabitants
-  **HIST 3335 American Environmental History**
This course examines human beings' experiences of the natural world, understandings and constructions of nature, and various attempts to control and preserve the environment from first contact through the end of the twentieth century. Class topics will include European settlement, the Industrial Revolution, environmental disruptions like the Dust Bowl and Santa Barbara oil spill, and social protest such as Earth Day, all centered on the natural and built environments.
-  **HIST 3340 Medieval Europe**
This course will introduce students to the major developments in European History from the late antique period of Rome until 1300. Emphasis is placed on key political, social, economic, and cultural events of medieval Europe such as the rise of the Carolingian Empire, external attacks, feudalism and manorialism, the Crusades, and the rise of European states. The class will also cover the importance of contacts with the non-European world through trade, migration, and diffusion.
-  **HIST 3344 Contemporary Euro 1919-Present**
The goal of this course is to introduce students to major political, cultural and social developments that have shaped European history in the twentieth century. Contemporary Europe, 1919 to the Present will focus on topics such as the two world wars, the Great Depression, the development of major political ideologies, the Cold War, decolonization, and European integration
-  **HIST 3361 Colonial Latin America**
A study of the establishment of Spanish dominion; geography and natural resources; institutional and social development; cultural aspects and contribution.
-  **HIST 3363 Mex from Pre-Conquest-Present**
This course examines the broad themes and major events of Mexican history from the first settled communities of the indigenous peoples to the present. Four areas will be studied: pre-conquest, colonial, national, and modern. Primary emphasis will be placed on the modern period.
-  **HIST 3364 Mexico through Independence**
This course is a study of the establishment of Spanish dominion, geography and natural resources, institutional and social development, and cultural aspects and contributions. Students will understand history as a discipline and field of study and become familiar with select historiography and bibliography related to colonial Mexico. Students will examine the specific movements that led to Mexican independence and the key figures involved.
-  **HIST 3370 Early Middle East History**
This is an advanced course concentrating on the historical trajectory of what is broadly defined as the Middle East from a period dating from the rise of Islam in the seventh century up to Napoleon's invasion of Egypt in 1798. This course will cover a broad range of subjects including the basic tenets of Islam, Shiite-Sunni differences, Islamic philosophy, Sufism and the emergence of Islamic empires along with the history of Islamic empires until the late eighteenth century. We will seek to understand how the various states and regions of the Middle East gradually lost their dominant economic and political position to the West after the geographical discoveries
-  **HIST 3374 History of the Ottoman Empire**
This is an advanced course concentrating on the history and civilization of the Ottoman Empire from its origins in the medieval period to its collapse in the wake of World War I. The Ottoman dynasty was the longest ruling dynasty in world history. At its height, its borders stretched from Hungary and the Ukraine in the north, to Algeria in the West, to the Caucasus and Iraq in the east, and Yemen and the Sudan in the south. The course will focus on the history and historiography of the Ottoman Empire, along with a chronological narrative of key economic, political and social developments. We will examine the political, social and economic structures of the empire, as well as Ottoman cultural and political influence on Europe.
-  **HIST 3375 History of Modern Japan**
This course is a detailed political, economic and cultural history of Japan from the early modern period through the end of the twentieth century. Beginning with a brief overview of early modern Japan (1600-1868), we will focus on the history of Japan from the mid-19th century through the 20th century. Topics to be examined include: Japanese modernization, the development of Japanese democracy, Japanese imperialism, the US-Japan alliance and postwar Japanese economic development
-  **HIST 3376 History of Modern China**
This course is a detailed history of China since the 19th century. After a brief overview of late imperial history in the 17th and 18th centuries, we will focus on the history of China in the 19th and 20th centuries. Beginning with the foreign and domestic crises of the late Qing Dynasty, we will then examine the "opening" of China to Western imperialism in the Opium Wars, the Chinese Revolution, the history of Chinese nationalism and Chinese communism, the war against Japan and China's role in WWII. We will then turn to the history of the People's Republic of China, the legacy of Mao Zedong, the Cold War and finally consider the historical significance of the contemporary "Rise of China."
-  **HIST 4302 Comparative Colonialism**
This course covers Spanish and Native American interactions in what is today the Southeastern United States, Texas and California. Emphasis will be placed on how the social and natural environment was changed in this area. We examine these changes through the documentary and archaeological records.
-  **HIST 4315 Discovering the RGV**
This course is taught by a team of faculty with research expertise in the Rio Grande Valley. This is an interdisciplinary course where students will gain an understanding of the archeology, anthropology, history, geology, and biology of this dynamic borderlands region. The course is taught through a combination of lectures, required readings, group and individual discussion, music, films, individual and group writing assignments, and hands-on research.
-  **HIST 4323 History of the Old South**
The class is an integration of social, political, and economic history of the United States with attention directed to geography and its influences. The approach is by problems that move chronologically from the earliest colonial period through the Civil War. Open to freshmen who enter with a credit in American history from high school. There are no prerequisites for this course.
-  **HIST 4325 US, War, Pros, & Depr 1917-1945**
The topic of this course is the change and continuity that existed during a highly challenging time in U.S. history, the years between 1916 and 1946. During those years the US confronted challenges as a result of its enhanced status as a world power after World War I, the growing impact of a consumer economy and national and international markets, the challenges of ideals hostile to America (Communism and Fascism), a global depression and two World Wars. The class will address the critical social, cultural, economic, and political changes of the period.

College of Liberal Arts



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- **HIST 4327 Hist of Am Family & Childhood**
This class covers the span of U.S. history by examining the dynamic changes of family life and childhood. Culturally, there are perceptions of what a "normal" family or childhood looked like but historically, there are few norms that have lasted long enough to be considered traditional. Despite this, the stereotypes related to families and children are used to craft policy, make significant decisions, and shape expectations in the modern era. We will examine the course themes using the lived experiences of people who represent the diverse cultural background of the country.
- **HIST 4329 Black History & Thought**
This focuses on black history and thought from Emancipation through the Reagan Administration. It addresses issues, themes, and events such as labor, education, suffrage, racist and sexual violence, Jim Crow, family, black images in advertising, military service, science and medicine, grassroots and organized resistance, class division, competition with other racial groups, and cultural expression. Although focusing on social history, the course interweaves the lives and intellectual thought of significant black thinkers and activists from the late nineteenth century and throughout the twentieth.
- **HIST 4331 Mexican-American Civil Rights**
In this class, we will examine specific themes in Mexican Americans' struggle for civil rights from a historical and contemporary perspective. We will explore how individuals and groups fought injustices and the organizations that provided structural mechanisms to promote equality and social justice.
- **HIST 4332 Chicano Movement**
This course examines the historical development, impact and legacy of the Chicano Movement of the 1960s and 1970s. We will explore the evolution of the Movement, paying close attention to persons, groups, organizations, ideologies, and events of this multifaceted social movement that promoted social, economic, educational, and political change for Mexican Americans/Chicanas/os in the United States.
- **HIST 4341 Ancient Roman History**
This course will explore the major political, social, economic, and cultural developments of Republican and Imperial Rome, and of Rome's fall in the West. Using primary documents, the class will evaluate the accuracy of the typical narrative of Roman history and explore contrasting views of contemporaries.
- **HIST 4343 Russia since 1905**
This course focuses on the tumultuous 20th century in Russian history from the Revolution of 1905 to the managed democracy and economics of the Putin era. Along the way we will discuss the dramatic changes and unexpected continuities in Russian political, economic, social, and cultural life. Emphases in the course include the revolutions of 1917, Stalin's rise to power, life in the Gulag system of prison camps, the Great Patriotic War (World War II to you and me), Cold War rivalry with the United States, the "Era of Stagnation," and the collapse of the Soviet Union in 1991.
- **HIST 4361 Contemporary Mexico**
Your objective in this course is to acquire an understanding of the major social, political and economic considerations of Mexican history from 1910 onwards. The greatest emphasis will be placed on the factors that make Mexico's history unique.
- **HIST 4362 History of Mexican Culture**
In our course, we will study Mexican culture from its emergence in the societies of pre-conquest Mexico and Spain through the colonial, national, and modern periods. This effort will include aspects of Mexican architecture, cinema, dress, food, literature, painting, religion, film, and social structure.
- **HIST 4363 History of Mexican Cinema**
This course examines the cultural and commercial development of the Mexican film industry. Both texts as well as films are used to understand this art and the extent to which it reflects values and issues of importance to Mexicans. May be counted as History or Film Studies course in satisfying degree requirements.
- **HIST 4399 Senior Research Seminar**
This capstone reinforces all previously acquired historical skills and culminates in a research project in the area of expertise of the instructor. Prerequisites: HIST 3300 and 15 advanced hours in History.
- **HIST 3302 Geo & Envr in Hist**
This course is a comprehensive survey of social, economic, political, cultural and geographical factors influencing the course of world history. Emphasis will be on thematic and content material. The course will focus on the environmental changes in the course of history and how these changes impact the geography, culture and human history.

LITERATURES & CULTURAL STUDIES

- **ENGL 1301 Rhetoric & Composition I**
English 1301 is designed to help students become more effective and confident writers as well as more active and engaged readers of complex texts. To do this, students will engage in a variety of writing projects which will help them become more reflective writers who are better able to revise their work to meet the needs of a given writing situation. (Credit for this course may be obtained by qualified students through advanced placement or advanced standing examinations.) Prerequisites: TSI exemption, or College Ready TSI status in Writing, or Satisfactory grade for ENGL 0301/WRLS 0300.
- **ENGL 1302 Rhetoric & Composition II**
English 1302 is designed to teach students how to initiate inquiry, engage in meaningful research, and produce effective researched arguments. To do this, students will get experience with primary and secondary research methods, engage in a variety of writing projects, and create at least one major research project. (Credit for this course may be obtained by qualified students through advanced placement or advanced standing examinations.) Prerequisites: A grade of 'C' or better in ENGL 1301 or ENGL 1387.
- **ENGL 1305 Writing Cultural Studies**
The course is intended to provide a clear option for students desiring an alternative approach to learning writing, one that is distinct from all other second- semester composition courses taught at UTRGV, which exclusively take a meta- or "writing about writing" approach (in both 1301 and 1302). The aim of English 1305 is to introduce students to a wide variety of cultural theories utilized not only in writing in the humanities but across the curriculum, including, but not limited to, feminism/gender studies, ethnic studies, new historicism, post-colonial studies, queer theory, and psychoanalysis.
- **ENGL 1388 Rhetoric & Composition II HON**
English 1388 is designed to teach students how to initiate inquiry, engage in meaningful research, and produce effective researched arguments. To do this, students will get experience with primary and secondary research methods, engage in a variety of writing projects, and create at least one major research project. The course will include a strong experiential learning component and require students to submit a final portfolio of their writing (Credit for this course may be obtained by qualified students through advanced placement or advanced standing examinations.) Prerequisites: Admission to Honors Program, by invitation, or with instructor approval. A grade of 'C' or better in ENG 1301 or ENGL 1387.
- **ENGL 2312 History of Film**
ENGL 2312 focuses on a historical analysis of film as a creative artifact and a product of the human imagination as it introduces the basic tools for appreciating and discussing the visual landscape of film. Through its historical approach, it encourages the investigation of cinema as a response to human experience across a variety of cultural and historical contexts.

College of Liberal Arts

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- ENGL 2314 Apprec & Analysis of Lit**
This course is designed to introduce students to approaching literature critically. We will explore three major genres (short fiction, drama, and film) using a variety of approaches. We will practice close reading as well as developing a critical vocabulary to aid analysis. In addition, we will consider how literature functions in a particular historical, social context while offering aesthetic pleasures.
- ENGL 2315 Humans & Language**
This course provides an introduction to human linguistic behavior and language as a species-wide phenomenon. It includes an overview of the historical trajectories of human migration patterns and the geo-political movements resulting in different languages and sociolinguistic groups.
- ENGL 2326 Intro to Am Lit**
A study of several masterpieces of American Literature, with emphasis on careful reading and on writing critical essays about individual works. Prerequisites: TSI exemption in Reading, or College Ready TSI status in Reading, or Satisfactory grade for ENGL 0301/WRLS 0300.
- ENGL 2331 Intro to World Lit**
A study of several masterpieces of world literature in translation, with emphasis on writing critical essays about individual works. The purpose of this course is to acquaint students with masterpieces of western world literature and to develop in students an ability to analyze, evaluate, and appreciate several different literary genres. This course will focus on the careful study of selected literary masterpieces and their components (e.g., theme, setting, characterization, point of view, symbol, etc).
- ENGL 2341 Intro to Literature**
An introduction to literary genres, with special emphasis on the short story, novel or novella, drama and poetry. Requires careful reading and the writing of critical essays about individual works. Prerequisites: TSI exemption in Reading, or College Ready TSI status in Reading, or Satisfactory grade for ENGL 0301/WRLS 0300.
- ENGL 2351 Intro to Mexican American Lit**
This course mainly surveys contemporary Mexican American or Chican@ literature. We will use diverse approaches to study a wide range of genres and texts, such as novels, poetry, short stories, and drama, among others. To generate more nuanced readings and discussions, we will give precise attention to the formal aspects of text (genre, setting, character, poetic form, etc.) while also considering the historical, political, and social contexts from which these texts arise
- ENGL 3300 Intro to English Studies**
ZERO-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available at no cost to the student. This course introduces students to the English major focusing on critical reading of texts, appropriate critical thinking patterns for research and writing within the disciplines covered within the English major--literature and cultural studies, rhetoric and composition, linguistics, English education, and creative writing. Must be taken within the first 12 hours of the English Major.
Prerequisites: 6 hours of English.
- ENGL 3303 Survey of Am Lit I**
A chronological study of the principal authors, works, and trends in American literature from the Colonial period to the Civil War.
- ENGL 3304 Survey of Am Lit II**
A chronological study of the principal authors, works, and trends in American literature from the Civil War to the Twentieth Century
- ENGL 3305 Survey of World Literature**
A focused study of the principle authors, works, and trends in World Literature from the ancient world to the contemporary period. With specific focus on period, genre, or theme to be determined by the individual instructor.
- ENGL 3306 Survey of Literary Theory**
ENGL 3306 introduces students to the general principles of literary theory and provides opportunities for practical application of theoretical models to literary texts. Therefore, students will be introduced to five different methodological approaches to literary interpretation through both theoretical and critical essays
- ENGL 3307 Intro to Film Studies**
Although this course will be concerned with treating film as a literary art, it is intended as an introduction to film studies and will introduce students to film as a form of fiction, provide elementary training in film analysis, and present the basic arguments of film theory. To this end, we will study the basic technical aspects of film along with the more aesthetic concerns of film (realism, formalism, ideology, etc), and some of the introductory theoretical frameworks of film analysis and interpretation. To broaden our understanding we will also examine social, political, philosophical and technological issues associated with the study of film.
- ENGL 3309 Intro to Cultural Studies**
Historical and textual study of the discipline of Cultural Studies, with emphasis on major figures and schools in Cultural Studies and their relation to textual analysis. Area(s): Theme.
Prerequisites: 6 hours of English.
- ENGL 3314 The Victorian Period**
A study of the literature of Victorian England, from 1832 to the end of the Nineteenth Century. Area(s): Period
Prerequisites: 6 hours of English.
- ENGL 3320 Develop of Am Novel**
A study of the American novel from its beginnings to the present, with emphasis on the major novelists. Area(s): Genre & American.
Prerequisites: 6 hours of English.
- ENGL 3337 Childrens/Adol Lit**
Children's and Adolescent Literature. Course focuses on children's and young adolescent literatures with various texts aimed at the younger audience.
- ENGL 3340 Survey Rhetorical Theory**
This course surveys important rhetorical movements from classical to contemporary theories in order to demonstrate the significant influence theories of rhetoric have and continue to have in the social and political functions of discourse.
Prerequisites: 6 hours of English.
- ENGL 3342 Technical Communication**
Training in writing and presentation of special types of reports often used in engineering and science.
Prerequisites: 6 hours of English.
- ENGL 3344 Adv Composition**
Course offers students the opportunity to develop a sustained writing project to completion. Course covers methods of defining the parameters of a project, analyzing audience and publications, and designing and publishing the project.
Prerequisites: 6 hours of English.

College of Liberal Arts

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- **ENGL 3345 Studies in Literacy**
Course examines the history and theories of literacy, including the critical ways literacy is connected to personal, political, and social forces and ramifications.
Prerequisites: 6 hours of English.
- **ENGL 3346 Writing & Culture**
ZERO-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available at no cost to the student.
- **ENGL 3360 Intro to Lang Studies**
Provides an overview of the cross disciplinary nature of language issues from the theoretical contexts of linguistics to political interactions among languages in contact, to applications of language study for various disciplines including education, psychology, sociology, acquisition, learning, literacy, law, medicine, computer technology, etc.
Prerequisites: 6 hours of English.
- **ENGL 3361 Intro to Descript Linguistics**
An introduction to the methods of linguistic science with emphasis on problem-solving techniques and the application to specific problems.
Prerequisites: 6 hours of English.
- **ENGL 3362 English Grammar**
A study of grammatical concepts with concentration on basic sentence structure, principles of punctuation, and functional grammar. Course designed for, but not limited to, prospective teachers.
Prerequisites: 6 hours of English.
- **ENGL 3370 Language & Culture**
Systematic exploration of social aspects of language and language use, including language attitudes, sociolinguistic dynamics of language contact situations, language learning, and the social and linguistic nature of dialects, language variation, and language change.
Prerequisites: 6 hours of English.
- **ENGL 3375 Intro to Eng as 2nd Lang**
A study of the process of learning English as a second language. Special attention given to theories, variables, and second language acquisition.
Prerequisites: 6 hours of English.
- **ENGL 4302 Postcolonial Lit & Theory**
A critical introduction to the postcolonial literatures of Africa, South Asia, Pacific Oceania, and the Caribbean. The course will analyze how colonialism, indigenous responses to imperialism, and decolonization shape conceptions of the self, the nation, and the world. Emphasis will be placed on issues of identity, race, gender, trans/nationalism, diaspora and globalization in the 20th and 21st centuries. Area(s): World.
Prerequisites: 6 hours of English.
- **ENGL 4316 Beat Generation**
A survey of American "Beat Generation" writers of the 1950's and 1960's focusing on the works of William S. Burroughs, Jack Kerouac, and Allen Ginsberg, among others. Area(s): Theme & American.
Prerequisites: 6 hours of English.
- **ENGL 4317 Mexican American Lit**
This is a course adapted to the study of advanced special topics in literature and/or cultural studies and Mexican American studies. This semester, we will explore "cultural citizenship" or how Latin@s claim identity, space, and rights in everyday life, specifically how this concept is represented, expressed, and embodied in literature, drama, and other cultural productions. "Cultural Citizenship," anthropologist Renato Resaldo argues, are "the everyday practices through which Latin@s claim space and their rights to be full members of society." With cultural citizenship, we expand definitions of citizenship beyond its denotation, the legal recognition of personhood (that is, represented by the US passport), to developing an understanding of cultural citizenship or the demand of disenfranchised communities for full membership in a society, despite cultural, racial, or linguistic differences from dominant society.
- **ENGL 4320 Literature & Psychoanalysis**
This course pursues an investigation of literary topics from the perspective of psychology and psychic formations with special focus on a variety of issues relating to madness, identity, and culture. Area(s): Theme.
Prerequisites: 6 hours of English.
- **ENGL 4300 Adv Topics Lit & Cultural Stud - Radical Voices: Antebellum Literature of Social Justice, Activism, and Reform"** - This course provides an advanced survey of major authors of the late eighteenth and early nineteenth centuries a period of social upheaval and Democratic change when American authors from diverse backgrounds were actively engaged in the major political and social reform movements of the time. In the decades leading up to the Civil War, these writers emerged as radical voices advocating for social, cultural, and political change in various ways. As advocates for Social Justice and Reform these authors attempt to question traditional gender roles, protest established government policies, covertly resist unjust laws, and actively commit civil disobedience in defiance of established social norms.
- **ENGL 4300 Adv Topics Lit & Cultural Stud - Latin@ Cultural Citizenships**
This is a course adapted to the study of advanced special topics in literature and/or cultural studies and Mexican American studies. This semester, we will explore "cultural citizenship" or how Latin@s claim identity, space, and rights in everyday life, specifically how this concept is represented, expressed, and embodied in literature, drama, and other cultural productions. "Cultural Citizenship," anthropologist Renato Resaldo argues, are "the everyday practices through which Latin@s claim space and their rights to be full members of society." With cultural citizenship, we expand definitions of citizenship beyond its denotation, the legal recognition of personhood (that is, represented by the US passport), to developing an understanding of cultural citizenship or the demand of disenfranchised communities for full membership in a society, despite cultural, racial, or linguistic differences from dominant society
- **ENGL 4360 Fundm of Lang Development**
A linguistic study of how children develop language skills from age five through adolescence. Covers all systems of language from basic sounds through competence in oral and written communication.
Prerequisites: 6 hours of English.
- **ENGL 4365 History of English Language**
A history of the English language from the Anglo-Saxon period to the present. Prerequisites: 6 hours of English.
- **ENGL 4375 Language Acquisition**
An analysis of the process of language learning (including first, second, and bilingual), the normal development of speech and language, and the relationship of language to cognitive and social development.
Prerequisites: 6 hours of English.
- **ENGL 4399 Independent Study**
Course is conducted as independent/conference study when topic is selected by student and approved by the instructor. May be repeated for additional credit as topic varies. A total of 6 credits can be earned. Prerequisites: 6 hours of English and consent of instructor and department chair permission.

College of Liberal Arts

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- **SPAN 1311 Beginning Spanish I**
This course requires special approval to register, please contact the department for approval. Course description: This is a beginning Spanish course designated for non-Spanish speakers. This course is designated to develop basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level.
Prerequisite: Placement by exam or by departmental approval.
- **SPAN 1312 Beginning Spanish II**
This course requires special approval to register, please contact the department for approval. Course description: A continuation of Spanish 1311. This is a beginning Spanish course designated for non-Spanish speakers. This course is designated to develop basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level.
Prerequisites: SPAN 1311 or placement by exam or departmental approval.
- **SPAN 2313 Span for Heritage Learn II**
ZERO-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available at no cost to the student. This course is designed for those students who learned Spanish at home and/or other students from Spanish-speaking backgrounds that have oral proficiency in Spanish but little or no formal training in the language. The main goals of the course are to enhance students' reading, writing and listening skills in a culturally relevant setting. Additionally, there is a focus on the grammar and spelling issues that relate to heritage learners of Spanish.
Prerequisites: SPAN 1315 or placement by exam or departmental approval.
- **SPAN 2315 Span for Heritage Learn III**
ZERO-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available at no cost to the student. A continuation of SPAN 2313. This course is designed for those students who learned Spanish at home and/or other students from Spanish-speaking backgrounds that have oral proficiency in Spanish but little or no formal training in the language. The main goals of this course are to further develop and expand the Spanish language skills in reading, writing, listening and speaking, while promoting a greater connection with the Hispanic cultures of the students' heritage.
Prerequisites: SPAN 2313 or placement by exam or departmental approval.
- **SPAN 2317 Spanish for Healthcare Prof I**
This course will provide an introduction to medical terminology in Spanish, Spanish writing skills, and Spanish to English consecutive interpreting and sight translation.
- **SPAN 2318 Spanish for Healthcare Prof II**
This course offers a continued development of medical terminology in Spanish, interpreting from English to Spanish in clinical contexts and development of patient interviewing skills in Spanish.
Prerequisites: TRSP 2317/SPAN 2317 with a grade of C or better.
- **SPAN 2320 Latino Culture & Civilization**
An introduction to the cultural history of Latinos in the United States, analyzing with special focus on key cultural, social, literary, and political issues. Taught in Spanish.
Prerequisites: Native or Near-Native Proficiency in Spanish
- **SPAN 2321 Spanish in the United States**
ZERO-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available at no cost to the student. The course introduces students to Hispanic bilingualism and sociolinguistic issues and provides a descriptive and critical overview of the different Spanish-language communities in the United States. Students will develop critical and linguistic awareness about the relationship between language, individuals, and society in the context of Spanish language use in the United States, with special emphasis on historical migration patterns and settlements, characteristics of Spanish communication in contact with English, and language use and language attitudes towards discourse patterns.
- **SPAN 3301 Adv Span Grammar & Comp II**
This course is the continuation of SPAN-3300. Taught in Spanish. Prerequisites: SPAN 3300 or placement by exam or departmental approval.
- **SPAN 3302 Creative Writing in Spanish**
An introduction to the study of literary forms and techniques—poetics, figurative language, metrics, narrative arc and other formal aspects of the literary craft, with practice in writing poetry and prose in Spanish. Taught in Spanish.
Prerequisites: SPAN 2313, SPAN 2315 and SPAN 3300 with a grade of C or better on all courses.
- **SPAN 3304 Advanced Spanish for Teachers**
This course is designed to prepare the bilingual educator to derive essential information, interpret meaning, and evaluate oral and written discourse relevant to the bilingual education curriculum and classroom. The course will also provide intensive practice on the use of spoken and written language with a variety of audiences in culturally appropriate ways in order to satisfy the requirements of routine educational and professional situations relevant to the bilingual classroom. Taught in Spanish.
Prerequisites: May be taken concurrently with SPAN 4338.
- **SPAN 3308 Intro to Latina/o Lit**
Survey of major writers, poets, and playwrights of Latina/o origin in the United States. Special focus on historical conditions surrounding creative expression and its relationship to the use of language. Taught in Spanish.
Prerequisites: SPAN 3300 or SPAN 3313 or departmental approval.
- **SPAN 3310 Intro to Hisp Linguistics**
An overview of the scientific study of the Spanish language. A general introduction to linguistic theories followed by application to the phonology, morphology, syntax and language variation and change in Spanish. Taught in Spanish.
Prerequisites: SPAN 2313, SPAN 2315 and SPAN 3300 with a grade of C or better on all courses. May be taken concurrently with SPAN 3300.
- **SPAN 3313 Adv Grammar & Comp Heritage I**
ZERO-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available at no cost to the student. For heritage speakers of Spanish or students who were educated in a Spanish speaking country. This course emphasizes the differences between formal and informal uses of Spanish and promotes the development of academic writing, reading, speaking, listening, and vocabulary in a relevant cultural context. Students will give presentations and write compositions.
Prerequisites: SPAN 2315 or placement by exam or departmental approval.
- **SPAN 3329 Creative Writing in Spanish**
An introduction to the study of literary forms and techniques—poetics, figurative language, metrics, narrative arc and other formal aspects of the literary craft, with practice in writing poetry and prose in Spanish. Taught in Spanish.
Prerequisites: SPAN 3300 or SPAN 3313 or departmental approval.
- **SPAN 3341 Intro to Spa/Eng Transl**
This course aligns with the bilingual, bicultural, biliterate mission of UTRGV and thus is taught in Spanish.

College of Liberal Arts

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- **SPAN 3350 Intro to Hisp Linguistics**
An overview of the scientific study of the Spanish language. A general introduction to linguistic theories followed by application to the phonology, morphology, syntax and language variation and change in Spanish. Taught in Spanish.
Prerequisites: SPAN 3300 or SPAN 3313 or departmental approval.
- **SPAN 4312 History of the Spanish Language**
A detailed study of the Spanish language from the beginning to the contemporary period. Historical and social aspects of each period will be discussed to relate the contributions of different people whose language contributed to the development of the Spanish language. Taught in Spanish.
Prerequisites: SPAN 3300 or SPAN 3313 or departmental approval.
- **SPAN 4314 Structure of the Spa Lang**
An analysis of sentence structure in Spanish from a formal or traditional grammar perspective. Taught in Spanish.
Prerequisites: SPAN 3300 or SPAN 3313 or departmental approval.
- **SPAN 4315 Acquisition of the Span Lang** - This course provides students with an introduction to first and second language acquisition with particular focus on Spanish. Among other topics, the course examines age-related effects on language acquisition and the difference between learning a first and second language. Taught in Spanish.
Prerequisites: SPAN 3300 or SPAN 3313 or departmental approval.
- **SPAN 4326 Chicano Narrative**
A general introduction to short stories and novels written in Spanish by U.S. citizens of Mexican descent. Taught in Spanish.
Prerequisites: SPAN 3300 or SPAN 3313 or departmental approval.
- **SPAN 4320 The Mexican Novel**
Taught in Spanish. En este curso estudiamos la novela moderna mexicana desde sus inicios hasta el presente. SPAN 4320 es uno de los cursos que se pueden tomar del bloque de las doce horas electivas para terminar la especialización en español, con certificación o sin certificación. El propósito de este curso es proveer a los y las estudiantes con las herramientas necesarias para analizar y evaluar la obra literaria importante de autores y autoras mexicanas que han contribuido a proyectar la literatura mexicana al ámbito internacional.
- **SPAN 4338 Children 's Lit in Span**
Este curso explora el análisis de la literatura infantil y la enseñanza de la literatura infantil como el fundamento de la escritura en español. Los temas incluyen la ficción, no ficción, la selección de la literatura, la pedagogía y la evaluación de la lectura de los niños. En este curso se estudiarán cuentos y obras de teatro relevantes de la literatura infantil latinoamericana y española con base en el análisis e interpretación de textos desde la perspectiva literaria.
- **SPAN 4345 Topics in Translation**
This course aligns with the bilingual, bicultural, biliterate mission of UTRGV and thus is taught in Spanish.
- **SPAN 4347 Translation Technologies**
This course is an overview of practical software and computational methodologies for the professional practice of translation, including advanced word-processing, terminological database management and translation memory use. Taught in Spanish. Prerequisites: SPAN 3341 or TRSP 3341 or departmental approval. This course aligns with the bilingual, bicultural, biliterate mission of UTRGV and thus is taught in Spanish. LOW-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available to the student for \$40.00 or less.
- **SPAN 4380 Senior Seminar**
This course requires special approval to register, please contact the department for approval. Course description: This course for seniors involves writing a Senior Mini-thesis or Capstone. Taught in Spanish.
Prerequisites: Departmental approval.
- **SPAN 3307 Intro to Latin American Lit**
La meta del curso es que los estudiantes sean introducidos a la literatura Latinoamericana. Además de ampliar su destreza de análisis literario. Al finalizar el curso se espera que los estudiantes puedan identificar, discutir y distinguir los movimientos literarios de Latinoamérica. Uno de los procesos fundamentales para lograr las metas antes descritas será el estudio de la cultura, la historia y la política del contexto en que fue escrita cada obra a estudiar y el impacto que éste ha tenido en los autores.
- **SPAN 3308 Intro to Latina/o Lit**
El objetivo del curso SPAN 3308.90L es que la/el estudiante conozca y comprenda los textos que forman el creciente cuerpo de literatura producida por diferentes comunidades hispanas que han mantenido o han establecido recientemente un presencia fuerte en los Estados Unidos. De interés particular es la manera y el grado en que estas literaturas hispanas convergen o difieren en la exploración de los aspectos de raza, clase, género y sexualidad, ideología, identidad cultural y el discurso nacional en general, y su relación con el lenguaje.

POLITICAL SCIENCES

- **POLS 2301 U.S. & Texas Government I**
This course introduces you to theories about and the practice of American/Texas government. Throughout the semester, we would examine the following questions together. Why is our government set up the way it is? How was our government established by our Constitution and the debates of the founding era? How have they evolved over time? How does the American mass public fit into the political process of American government? In doing so, we will explore the very foundation of our national and regional government and public behavior in American politics.
- **POLS 2302 U.S. & Texas Government II**
A functional study of the U.S. and Texas constitutions and governments in relation to the legislative, executive and administrative processes; and a study of the policy process, including domestic and foreign policy areas.
- **POLS 2305 U.S. Fed Gov & Pol**
This course examines the origins and development of the U.S. federal system of government and politics, which includes the U.S. Constitution, policymaking processes, political action, power relations, and various political issues. This course fulfills three of the six-hour legislative requirement in U.S. and Texas government and politic
- **POLS 2470 Intro to Poli Sci Research**
Students in POLS 2470-01 (CRN #35997) must ENROLL in POLS 2470-A (CRN #36000) Course description: Analysis of the study in politics, models of inquiry, research methods and introduction to the use of statistical software in political science research. In the statistical lab portion of the course, students will learn descriptive and inferential statistical methods as applied to the study of political issues. Topics covered include data gathering, probability theory, hypothesis testing, and linear regression models, with an emphasis on both parametric and non-parametric statistical methods. At the conclusion of the course, students will be able to conduct a statistical analysis of a research question in Political Science.
Prerequisites: POLS 2305 (or POLS 2385).
- **POLS 3310 U.S. State & Local Government** - A study of the basic functions, structure, procedures and problems of U.S. state and local government, with an emphasis upon intergovernmental relations. Prerequisites: [POLS 2301 (or POLS 2387) or POLS 2305 (or POLS 2385)]and [POLS 2302 (or POLS 2388) or POLS 2306 (or POLS 2386)].

College of Liberal Arts

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- POLS 3319 Archer Politics of Nat Memory**
This course requires special approval by the Instructor. Location: The Archer Center 1750 Pennsylvania Ave. Suite 900, City: Washington, D.C. zip code: 20006 Course description: This course will enable students to understand power in our nation's capital, especially what lies beyond Congress and the White House. Students will study in Washington, D.C. provides unique opportunities, using locations such as the National Mall, Arlington Cemetery, and the National Archives as a textbook. Each week, students will visit different places to examine complex issues such as the relationship between democracy and war, or the future of the Internet. Class will be conducted as a graduate seminar, emphasizing discussion and other forms of participation. Work will relate to student's internships and to headline-making events.
Prerequisites: [POLS 2301 or POLS 2305] and [POLS 2302 or POLS 2306], and acceptance into the Archer Center program.
- POLS 3321 Comparative Pol of Develop Nat**
The fundamental questions and methods of inquiry in the field of comparative politics will be examined. Substantive discussions will center around three fundamental questions: What explains the construction and maintenance of political order? What explains the extent to which governments faithfully represent voter interests? What are the consequences of regime type and form of government for human welfare?
Prerequisites: POLS 2305 (or POLS 2385).
- POLS 3323 Middle Eastern Politics**
A comparative examination of the social, economic and theological components of Middle Eastern politics.
Prerequisites: POLS 2305 (or POLS 2385).
- POLS 3340 Classical Political Theory**
A study of classical political philosophy from Socrates to Machiavelli.
Prerequisites: POLS 2305 (or POLS 2385).
- POLS 3342 Contemporary Political Theory**
This writing intensive course examines core concepts and debates in contemporary political theory. We will explore theoretical attempts to displace the state from the center of thinking about democratic citizenship in order to expand the sites of resistance to centralized power. Key concepts that will be explored include morality, democratic citizenship, violence, political institutions, race, colonialism, gender, authority, political resistance, power, and freedom
- POLS 3352 Media & Politics**
This course examines the role of the mass media in politics. It will focus on traditional and new media and their impact on political processes, political outcomes, and power in society. Case studies may vary depending on instructor.
Prerequisites: POLS 2305 (or POLS 2385).
- POLS 3390 Independent Study**
A professor will work with students on an individual basis to develop an independent study or research program on a critical issue on Political Science.
Prerequisites: POLS 2305 (or POLS 2385).
- POLS 3392 Archer Policy Making Process**
This course requires special approval by the Instructor. Location: The Archer Center 1750 Pennsylvania Ave. Suite 900 City: Washington, D.C. zip code: 20006. Course description: This course provides an overview of how policy is made at the federal level. Through various readings you will become familiar with the process as it is designed. Through in-class discussions, on-the-job experiences and meeting Washington powerbrokers who help craft policy, you will see how the process actually works. The course will be interactive, with a strong focus on in-class discussion and guest speakers who will challenge your views and provide an insider's perspective on Washington. One policy area will be focused on per semester to provide a thought provoking issue to study, discuss, and analyze.
Prerequisites: [POLS 2301 or POLS 2305] and [POLS 2302 or POLS 2306] and acceptance into the Archer Center program.
- POLS 3394 Special Topics in Politics - Politics of Debt**
The course focuses on public and private debt across different historical periods and geographical locations. The course will cover several sovereign debt crises since 1982 (Mexico, Argentina, European Union and Puerto Rico, to name a few) as well as the role of debt in our everyday life as citizens/workers (for example: student debt, medical debt, mortgages, credit cards and paycheck loans).
- POLS 3395 Movies & Politics**
Art, at its best, offers us a different way of interpreting our lives. Different forms of art provide insight into beauty and ugliness, triumph and tragedy, the unique and the commonplace. I believe movies have a lot to tell us about our society, our politics, and, perhaps most importantly, about ourselves.
- POLS 4310 U.S. Judicial Process**
Advanced study of the structure, functions and procedures of the national, state and local judicial systems; the interrelationship between the U.S. judiciary and other components of the political system; the impact of judicial decision-making on public policy; jurisprudence.
Prerequisites: POLS 2305 (or POLS 2385).
- POLS 4311 US Const Law Federalism**
A study of national-state relations by use of court cases, with special emphasis on the impacts of the commerce and taxation clauses; a study of Congressional-presidential relationships by use of court cases.
Prerequisites: POLS 2305 (or POLS 2385).
- POLS 4312 US Const Law Civil Liberties**
This course is a study of the limitations of governmental powers in the United States by use of court cases, with primary emphasis on civil and political rights.
- POLS 4313 U.S. Legislative Process**
This course is a comprehensive examination of the United States Congress. The first part of the course focuses on the Congress as a legislative body. The second part of the course focuses on Congressional elections. The third part of the course is a review of the scholarly literature on the Congress and is designed to familiarize students with the field of Congressional studies.
- POLS 4317 Minority Rep U.S. Pol Inst**
This course will focus on minority representation (African Americans and Hispanics) in the context of legislative institutions including the U.S. Congress, state legislatures, and city councils and school boards. Students will learn concepts including descriptive and substantive representation as well as the benefits and costs of either forms of representation. Students will become familiar with research that highlights the debate regarding the merits of majority-minority districts, consequences of descriptive representation, and alternative solutions for ensuring that the minority interests are heard and pursued.
Prerequisites: POLS 2305 (or POLS 2385).

College of Liberal Arts

- Sustainability FOCUSED
- Sustainability INCLUSIVE

- **POLS 4320 Latin American Politics**
This course is a comparative survey of the "governmental processes in Mexico, the Caribbean, Central and South America". It reviews "competing ideologies, group dynamics, relationships between political, economic and social structures and Latin America's role in the international political system". Based on readings, lectures, class discussions, audio-visual media, and other sources of information, we develop an interdisciplinary overview of the political, economic, and social institutions and behavioral features of the democratic and non-democratic politics in Latin America, and we also advance students' critical-thinking, civic-engagement, communications, and computer-usage skills.
- **POLS 4323 Mexican Politics**
This course is a comparative study of the "politics and government of Mexico focusing on the political system in the context of history and culture," and includes a "study of Mexico's relations with the United States and other nations". This course contextualizes contemporary Mexico's democratization; political, economic, and social institutions and outcomes; and international presence, within the broader contours of its historical and cultural milieu.
- **POLS 2306 TX Gov & Pol**
This course examines the origins and development of the Texas state system of government and politics, which includes the Texas Constitution, policymaking processes, political action, power relations, and various political issues. Texas Government and Politics is an introductory survey course that provides an overview of state level political institutions, including the legislative, executive, and judicial branches of government. It also examines the significant role of bureaucratic and regulatory agencies. The course will draw on this institutional foundation to examine the state policy-making processes and to analyze key Texas policies, such as economic and economic development policy and social welfare provision.
- **POLS 2330 Intro to Globalization**
This course introduces students to globalization. Globalization is understood as a multidimensional set of social, political and economic processes and transformations that affect the world as a whole, as well as localities in complex, and often, contradictory ways. Globalization, as a process, connects the global and the local in specific ways. This course will prepare students for further learning and work in international relations, transnational issues and world politics.
- **POLS 2340 Intro to Pol Theory**
This course examines some of the core concepts in the field of political science including democracy, power, justice, freedom, order, ideology, equality, the state, violence, gender, race and others. Some of the questions explored include: What principles should guide political conduct? When is it appropriate to rebel? Should the government promote equality?
- **POLS 2350 Intro to Political Economy**
This course introduces students to political economy. Political economy is understood as the study of social and power relations which mutually constitute the production, reproduction, circulation and consumption of resources. Furthermore, political economy also helps us to highlight the ways in which economic relations are always power relations, subject to change, evolution, disruption, resistance and subversion. This course will prepare students for further learning and work in political economy, public policy and world politics
- **POLS 3310 U.S. State & Local Government**
A study of the basic functions, structure, procedures and problems of U.S. state and local government with an emphasis on intergovernmental relations. Students will learn about the structure and operation of state and local government and their relationships to each other in the U.S. political system; explore the roles of political parties, interest groups, political participation and elections in legislative, executive and judicial branches of state government; demonstrate understanding of how everyday lives are impacted by policies made and implemented at the state and local levels of government; and participate in class discussion and activities related to current events that affect individuals, families, communities and the state.
- **POLS 3311 Contemporary Texas Politics**
This course is a survey of contemporary political, public policy, and administrative issues confronting Texas. Students will learn about the origins, development and uniqueness of the Texas political system; increase knowledge of the Texas Constitution and the structure, functions, and political actors of Texas government; develop an understanding of the importance of individual and collective political participation in Texas through coursework and participation in a service learning activity; and address contemporary public policy issues and their impacts in Texas, including participation in mythical "interest groups" for in-class activity and discussion of related current events.
- **POLS 3312 U.S. Political Parties**
This course is designed to provide an overview of the history, organization, function, and leadership of political parties and the roles they play in the operation of national, state and local governments. The first part of the course focuses on the historical development of the political parties and the two party system, as well as how the political parties have evolved over time. The second part of the course discusses and explores the impact of partisan polarization upon levels of partisanship within the electorate and political institutions, including the U.S. Congress. Students will gain a stronger understanding of the creation, decline, and resurgence of political parties as well as the continued impact of polarization upon politics in the United States.
- **POLS 3319 Archer Congress, Pres, & Beyon**
The Politics of National Memory - This course focuses on the politics of national memory by fostering an ongoing conversation about the meaning of the American Republic and the historical memory found in memorials, monuments, and museums in Washington, D.C. The course will explore political and artistic controversies that have shaped the design and building of many monuments, memorials, and museums that define the architectural landscape of the nation's capital.
- **POLS 3321 Comparative Pol of Develop Nat**
This course provides an introduction to competing conceptions and theories of development (economic and political). We examine assumptions and predictions of different theoretical approaches to development, and assess the explanatory power of each in understanding the central problems faced by developing countries.
- **POLS 3330 International Politics**
A study of the political principles, problems and factors involved in the foreign policies and relations of states with particular emphasis on the sources and uses of national power and the difficulties in limiting the use of such power.
- **POLS 3341 Modern Political Theory**
The purpose of this course is to acquaint students with some of the major themes in political theory from the 17th through the 19th century. The course is organized around four particular ideas, which can themselves be grouped into two categories: First are two very different approaches to the question of the purpose of government: social contract theory and utilitarianism. The second set turns our attention to what might be called the politics of society: political economy and feminism.
- **POLS 4324 Contemporary Chinese Politics**
This course is designed for undergraduate students as a comprehensive introduction to the politics of the People's Republic of China. After over three decades of opening up to the outside world, China has experienced dramatic changes in every facet of its society. The increasing economic and political influence, as well as its increasingly assertive foreign policy allows China to move gradually from the periphery to the center of the world politics. The goal of this course is to trace the historical development of Chinese politics, explore the important policies, events and political figures that have shaped Chinese politics throughout the history of the People's Republic of China, and interpret and evaluate the policies and political moves made by the Chinese government in today's China.
- **POLS 4331 U.S. Foreign Policy**
Study of the politics, formulation, conduct, and consequences of U.S. foreign policy. The roles of the president, Congress, interest groups, political parties, the military and intelligence agencies and public opinion are examined. Specific cases of major foreign policy decisions will also be examined

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- **POLS 4339 Model U.N.**
During this session we will explore the purpose and functions of the United Nations. Students will be given the opportunity to simulate UN functions and debate major issues of the United Nations. Students will learn how to prepare for the National Model United Nations conference. Particular attention will be paid to comprehending and analyzing issues, learning parliamentary procedure utilized at the National Model UN conference, and technical writing expected of Model UN delegates. This course will include discussion of current events, pressing international issues, the basics of international law and some of the protocol and procedures of diplomacy
- **POLS 4340 Politics & Culture**
The relationship between politics and culture and theories pertaining thereto will be examined. Politics and culture will be explored through analysis and evaluation of a variety of textual and visual materials. Questions examined may include: How does art/culture constrain and/or expand political possibilities? What is the best relationship between politics and culture? How might cultural practices cultivate a democratic sensibility and/or subvert it
- **POLS 4343 Political Ideologies**
An ideology is a coherent set of ideas about important moral and political questions. This course will critically examine major ideologies such as liberalism, conservatism, socialism, communism, fascism, anarchism, and feminism. Prerequisites: POLS 2305 (or POLS 2385).
- **POLS 4351 Pub Opin & PoL Behvr**
This course focuses on some of the most visible elements of Political Life: public opinion and political behavior. Public opinion is the understanding of how individual attitudes, beliefs, and evaluations aggregate and represent a country's polity. Political Behavior is the study of how citizens think about, engage in, make decisions, and act politically. This course provides an upper level introduction to these two broad fields of political science. This course is heavily based on political and psychological theories of how the public forms their opinions on a series of issues and applies these to modern-day politics.
- **POLS 4354 Immigration, Race, & Citizenship**
The United States is in the middle of a national debate over immigration policy and the outcomes of immigrant incorporation. The debate is not just taking place in the U.S. Congress, which has the power and responsibility to shape policy, but also in national politics, in state legislatures, in the courts, and in community organizing, not to mention the current global effects of immigration. In some form, the current debate began in the mid-1980s, but has achieved a new urgency in the last several year
- **POLS 4355 U.S. Labor Policy**
The term labor under capitalism captures the commonality between all who sell their mind and body for a wage, and captures the diverse organizations representing those who are laborers. Students will learn the importance of labor to political-economic thought on capitalism; the early, yet enduring, tactics of labor to counter the power of capital; the policy successes achieved by, and the new dilemmas facing, the U.S. labor movement from the 1920s to the 1980s; and the labor-movement crisis under neoliberalism. In sum, you will learn about the trajectory of the U.S. labor movement from the early 1880s to today and why this topic is important to the larger study of political economy and public policy.
- **POLS 4361 Inequality & the Welfare State**
This course addresses the rise of the welfare state and political conflict over inequality, economic stagnation, and the role of the government in advanced industrial societies. Prerequisites: POLS 2305 (or POLS 2385).
- **POLS 4370 Senior Research Seminar**
Sub Topic: Social Theory & American Democracy Course description: Students will culminate their UTRGV experience in political science by completing a significant research project. This course will provide students with an opportunity to expand and deepen their understanding of various models of political inquiry, research design, and political science methodologies. The faculty of record will determine the subfield and political topics of the course. Prerequisites: POLS 2305 and POLS 2470.
- **POLS 4394 Sp Top: Human Trafficking**
Course description vary by topic. May be repeated for additional credit as topic varies. A total of 6 credits can be earned. Prerequisites: POLS 2305 or POLS 2301 or POLS 2313.
- **POLS 3355 U.S. Public Policy**
An analysis of the development of public policies in the solution of national problems. Students will learn about and discuss a number of contemporary policy questions. Topics discussed in class include Policy Structure, Agenda Setting, Policy Types, Policy Design Implementation, Policy Process, Climate Change, Coastal Development, Mental Health, Border Security, and Economic Policy.

PHILOSOPHY

- **PHIL 1300 Critical Thinking**
Each day we use critical thinking to get through life, but many do not use it as well as they could. Critical thinking involves not only using reason, but also learning how reasoning and other types of knowledge work so to strengthen our ability to think well and act with purpose and meaning. This course introduces students to philosophical essays known for their descriptions and exercises in both theoretical and practical reasoning, as well as rational uses of our imaginative knowledge. The goals of the course aim to strengthen your ability to think, read, dialogue, and write more critically, as well as contribute to the enrichment and improvement of your life and the communities of which you are a part.
- **PHIL 1301 Intro to Philosophy**
An introduction to some of the major philosophical questions that have intrigued humankind over the centuries. This will be done through an examination of the thought of some of the most important figures in the history of philosophy from the early Greeks to modern times
- **PHIL 1305 Intro to Lat Am Phil**
The story of Latin America is a story of struggle—interior and exterior—involving invasion, conquest, and resilience. Latin America can be seen as a product of a tug of war between Europe and the U.S., intellectually and physically struggling for an identity (or set of identities) since its “discovery.” This course takes a philosophical look at Latin America, exploring themes including: civilization and barbarism, the fetishization of Europe and the US, liberation theology, Mexican and Mexican-American identity, racism in Latin America and the U.S.
- **PHIL 1306 Intro to Asian Phil**
This Philosophy as a Way of Life (PWOL) section fosters self-transformation through immersive assignments and peer-led dialogue. Course Description: An analysis of the major movements in Eastern philosophy and religion and their relationship to basic philosophical developments in the West. This course will examine systems of thought and culture such as Buddhism, Hinduism, Confucianism, Taoism and Shinto. Enrollment cap: 35 students. Prerequisites: TSI exemption in Reading, or College Ready TSI status in Reading, or Satisfactory grade for ENGL 0301/WRLS 0300.
- **PHIL 1310 Ethics, Happiness, & Good Life**
The overarching aim of this course is to challenge you to become a better version of yourself by developing a more thoughtful understanding of ethics, happiness, and the good life for yourself and others. A 15-hour service learning project will help you achieve this goal by providing the opportunity to integrate theoretical reflection and ethical practice.
- **PHIL 1312 Intro to Social & Political Phil**
This course will cover the basic social and political philosophies and questions that people commonly encounter today.



College of Liberal Arts




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- **PHIL 1330 Philosophy, Art, & Film**
This course will examine various questions relating to art in general, and to the particular art of film, from a philosophical perspective. Given the double focus of this course, we will alternate between investigating questions applicable to any aesthetic production and those specific to cinema. Throughout the course we will be exposed to a variety of media--- the plastic arts, dance, music--- as well as some great (and some not-so-great) examples of cinematic art. Naturally, some of this material may be controversial or even offensive, and so may be some of the opinions of your classmates; by registering for this course, you acknowledge your willingness to be exposed to this material and to the ideas it provokes.
- **PHIL 1340 Introduction to Logic**
This class is an introduction to the formal techniques available for evaluating the correctness or incorrectness of arguments. Techniques likely to be discussed include: symbolization in propositional logic, parsing trees, truth tables or truth trees, natural deduction in propositional logic, Venn diagrams, and the probability calculus. Enrollment cap: 35 students.
- **PHIL 1362 Race, Sexuality, & Class**
This course looks at how race, sexuality, and class shape society and human lives. Our primary focus will be on their appearance as racism, sexism, homophobia, and classism.
- **PHIL 1366 PHIL and HIST of Science**
LOW-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available to the student for \$40.00 or less. This course is designed to use history and philosophy in the service of science and engineering education. It does this by examining a selection of notable episodes in the history of science and Techno-Science. Episodes examined may include the mathematical sciences in Antiquity, Archimedes' inventions and principle of hydrostatics, Roman techno-science, Medieval medicine, alchemy, Kepler's laws of planetary motion, Galileo's conflict with the Catholic Church, Isaac Newton's formulation of the laws of motion, Dalton's atomic theory, Louis Pasteur's public trial of the anthrax vaccine, Charles Darwin's proposal of the theory of evolution by natural selection, the development of the atomic bomb, and the discovery of the double helix structure of DNA. Prerequisites: TSI exemption in Reading, or College Ready TSI status in Reading, or Satisfactory grade for ENGL 0301/WRLS 0300.
- **PHIL 2322 Ethics, Health, and Culture**
This course will address the application of moral theories, ethical principles, and professional codes to ethical dilemmas faced by professionals in healthcare or research. Topics covered may include, but are not limited to, euthanasia, conflicts of interest, physicians as researchers, distribution of scarce resources, and the impact of theories like moral relativism and psychological egoism on the application of ethical theory. Enrollment cap: 35 students.
- **PHIL 2326 Ethics, Technology, & Society**
This course will address the application of moral theories, ethical principles, and professional codes to ethical dilemmas faced by business professionals, employers, and employees. Topics covered may include, but are not limited to, whistleblowing, integrity, honesty, liability, and the impact of theories like moral relativism and psychological egoism on the application of ethical theory.
- **PHIL 2351 Religion Diversity in Global Comm**
As the human community continues to grow larger, it is also growing more diverse; and as a result, the interactions between different cultures are becoming more complex. Advanced technologies, tourism, trade, and, also, wars have made the personal, social, political and economic connections between widely-dispersed people increasingly direct and immediate. But this routine exposure to unfamiliar cultural beliefs and practices, once held firmly at a distance, now expresses itself too often as hostility and violence. Religion is prominently at the heart of this conflict, and thus the need for respect and understanding among religious communities is a global concern. The course is designed for students in professional, business and educational disciplines, all of whom are likely to encounter people from these different religious traditions during their professional careers
- **PHIL 3301 Ancient Philosophy**
This course will discuss the development of Western philosophy (primarily in Ancient Greece) from the pre-Socratics through to Aristotle. Emphasis is likely to be placed on Plato and Aristotle. Enrollment cap: 25 students.
- **PHIL 3303 Modern Philosophy (1600-1800)**
A study of the history of philosophy from the Renaissance through the 18th century, with particular emphasis on Descartes, Spinoza, Leibniz, Hobbes, Locke, Berkeley, Hume and Kant. Enrollment cap: 25 students.
- **PHIL 3304 19th Century Philosophy**
This course will address major trends and figures in the development of philosophy in the Nineteenth century. Topics likely to be discussed are German Idealism, Romanticism, Dialectical Materialism, Existentialism, and Pragmatism as manifest in the thought of Kant, Hegel, Kierkegaard, Nietzsche, Marx, Peirce, and James. Enrollment cap: 25 students. Enrollment cap: 25 students.
- **PHIL 3312 Continental Philosophy**
This course addresses topics in post-Heideggerian continental philosophy. Some potential movements and thinkers include deconstruction (Derrida), genealogy (Foucault), postmodernism (Lyotard, Agamben, Rancière, Balibar), hermeneutics (Gadamer), and Critical Theory and contemporary Marxism (Benjamin, Adorno, Bourdieu, Hardt, Negri, Laclau, Mouffe). Enrollment cap: 25 students.
- **PHIL 3314 Analytic Philosophy**
This class is a study of the development of analytic philosophy during the Twentieth century. Authors whose work might be discussed include: Frege, Russell, Carnap, Quine, Putnam, Davidson, Strawson, Grice, Dummett, Lewis, Kripke, Moore, Chisholm, Rawls, Williams, Austin, and Sellars.
- **PHIL 3355 Buddhism**
This course takes a philosophical effect approach to Buddhist "wisdom" (prajna), although both ethical conduct (sila), in the form of Service Learning, and Meditative practice (samadhi) are part of the course design. Primary focus will be on those foundational ideas and practices that are common to all the various Buddhist traditions: The Four Noble Truths, The Eightfold Path, Dharma, Abhidharma, Nirvana, etc. The course will also investigate the major variants of global Buddhism-Therevada, Mahayana, Vajrayana (pr Southern, Eastern, and Northern schools); some particular focus will be paid to those sub-schools, such as Zen and Pure Land, which have risen to global significance, however. Some investigation of "West Coast" or American Buddhism might also figure in this course. Major figures include Siddhartha Gautama (the "Buddha"), Nagarjuna, Dogen, and Suzuki; major primary texts consulted should include the Dhammapada, Verses on the Middle Way, the Shobogenzo, and Words of My Perfect Teacher. Philosophical topics include (in addition to those already detailed) the notions of No-Self, Dependant Arising and Sunyata ("emptiness").
- **PHIL 3370 Philosophy of Law**
Examination of the institution of law, legal concepts, legal reasoning, and the legal process. Topics may include the nature of law; the moral limits of the criminal law; legal rights; liberty, justice, and equality; punishment; responsibility; the private law (property, contract, and tort); constitutional law; and feminist jurisprudence. Enrollment cap: 25 students.
- **PHIL 4302 Spec Topics Ethics Bowl**
This course will address the application of ethical theory to contemporary moral problems and the types of issues that arise in such applications. The particular field of applied ethics studied may vary between areas such as business ethics, biomedical ethics, environmental ethics, research ethics, etc. Topics covered may include end-of-life issues, conflicts of interest, physicians as researchers, globalization, duties to future generations, and the impact of theories like moral relativism and psychological egoism on the application of ethical theory. May be repeated for additional credit as topic varies. A total of 9 credits can be earned.
- **PHIL 4310 Epistemology**
This course aligns with the bilingual, bicultural, biliterate mission of UTRGV and thus is taught bilingually. ZERO-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available at no cost to the student.

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-  **PHIL 4314 Phil of Mind**
A study of content and consciousness, addressing the nature of awareness and experience. Topics concerning the capacities and creative powers of mind will be examined in theories based on physical, functional and metaphysical arguments. Enrollment cap: 25 students.
-  **PHIL 4318 Philosophy of Food**
An examination of the philosophical issues raised around food. This course will engage a variety of philosophical areas and how they pertain to food, including aesthetics, ethics, epistemology, and metaphysics.
-  **PHIL 4322 Social & Political Phil**
This course is designed to give an advanced introduction to social and political philosophy. While students will not need to have taken a prior course in social and political philosophy, they should be ready to study philosophy at an upper division level

PSYCHOLOGICAL SCIENCE

-  **PSYC 2301 General Psychology**
An introduction to the discipline of psychology as a natural science and as an applied social science. This course includes topics such as the biological bases of behavior, sensation and perception, learning and memory, emotions, personality, abnormal psychology, therapy, developmental and social psychology. Prerequisites: TSI exemption in Reading, or College Ready TSI status in Reading, or Satisfactory grade for ENGL 0301/WRLS 0300.
-  **PSYC 2302 Basic Stats for Psyc**
A practical study of the procedures used in handling psychological data including descriptive statistics, central tendency, variation, correlation and inference. Equivalent Course: May be counted as ANTH 2401; a student may receive credit in only one course. Prerequisites: PSYC 2301 with a minimum grade of C and [MATH 1314 or MATH 1414 or MATH 1324 or MATH 1325 or MATH 1332 or MATH 1342 or MATH 1343 or MATH 2412 or MATH 2413] with minimum grade of C.
-  **PSYC 2401 Basic Stats for Psyc**
A practical study of the procedures used in handling psychological data including descriptive statistics, central tendency, variation, correlation and inference. Equivalent Course: May be counted as ANTH 2401; a student may receive credit in only one course. Prerequisites: PSYC 2301 with a minimum grade of C and [MATH 1314 or MATH 1414 or MATH 1324 or MATH 1325 or MATH 1332 or MATH 1342 or MATH 1343 or MATH 2412 or MATH 2413] with minimum grade of C.
-  **PSYC 3305 Applied Behavior Analysis**
An overview of principles of social learning, operant conditioning and the application of these principles to personal development, relationships and problem behavior. Prerequisite: PSYC 2301.
-  **PSYC 3324 Social Psychology**
An overview of how groups and society influence behavior and thinking. The main topics include conformity, obedience, prosocial behavior (cooperation and helping others), the behavior of groups, attitudes and prejudice, as well as research on interpersonal attraction, including physical attractiveness and romantic love. The course also examines how everyday people are implicit psychologists, trying to explain and understand the behavior of others as well as their own. Prerequisites: ANTH 1324 or ANTH 2302 or ANTH 2351 or ECON 1301 or ECON 2301 or ENGL 2315 or PHIL 1362 or PSYC 2301 or SOCI 1301.
-  **PSYC 3325 Research Methods in Psychology**
LOW-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available to the student for \$40.00 or less. This course provides a lecture-laboratory approach to learning the scientific methodology of empirical psychological research. Basic principles and methods of research design, hypothesis testing, data collection and analysis and result interpretation are covered in this course. Prerequisites: PSYC 2301 and PSYC 2401.
-  **PSYC 3332 Develop Psyc: Infancy-Adol**
This course surveys the major areas of early developmental psychology. The course emphasizes an understanding of the important methods, terms, theories, and findings in the field of early developmental psychology. The course employs primarily a lecture/discussion format, although films and demonstrations are also utilized. Students will explore controversies surrounding the interaction between genetic and environmental influences on development, and gain an understanding of physical, cognitive, and socio-emotional development.
-  **PSYC 3333 Psyc of Adult: Mat & Old Age**
A study of such aspects of adulthood as job selection, marriage, child rearing and old age. Prerequisites: 6 hours of psychology.
-  **PSYC 3337 Develop Psyc: Lifespan**
The field of developmental psychology is an overview of the physical, cognitive, social, emotional and personality domains of the changes that occur over time. The course focuses on normal development from conception through death. Traditional and theoretical perspectives are reviewed. Prerequisite: PSYC 2301.
-  **PSYC 3338 Psychology of Gender**
This course is designed to provide students with knowledge about gender development from infancy through adulthood, including the many similarities and differences among physical, educational/employment, and interpersonal experiences of men and women during each developmental stage of life.
-  **PSYC 3340 Stress Management**
This upper-level course examines the complex topic of stress by exploring sources, consequences, and solutions. The course is designed to provide a research-based understanding of stress: its effects on the body and mind, the situational and personality factors associated with stress, and methods to reduce stress. The course will involve lecture and discussion, along with experiential stress-reduction activities such as deep breathing and progressive muscle relaxation. By the end of the course, you should have a better understanding of the ways in which stress impacts your life and will have some tools to help you deal with stress
-  **PSYC 3353 Physiological Psychology**
An analysis of the basic physiological mechanisms underlying behavior with emphasis on the role of the central nervous system in sensation, emotion, motivation, learning and memory. A knowledge of biology is helpful but not necessary. Prerequisites: PSYC 2301.
-  **PSYC 3373 Sensation and Perception**
This course is designed to help students understand how humans sense and perceive the world around them. During this course we will learn how our sensory systems operate, examine philosophical questions about perception and discuss methods researchers use to answer these questions. Throughout the semester, we will cover the sensory pathways, perceptual processing as well as audition, vision, the orienting senses, skin senses and the chemical senses.
-  **PSYC 3383 Animal Behavior**
An introduction to the methods, results and interpretation of studies of animal behavior from the perspectives of comparative psychology and ethology. An emphasis will be placed on social and communicative behavior. Prerequisites: PSYC 2301.
-  **PSYC 3405 Behavior Modification**

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- **PSYC 4303 Adv Statistics for Psyc**
This course reviews and expands on basic principle of statistical analysis with an emphasis on inferential techniques such as analysis of variance and integrated with the use of prepackaged statistical analysis programs such as SPSS.
Prerequisites: PSYC 2302 or PSYC 2317 or SOCI 4301.
- **PSYC 4313 Abnormal Psychology**
A comprehensive analysis of various emotional disorders, neuroses and psychoses, their symptoms, etiologies and treatment and approaches. Prerequisites: PSYC 2301.
- **PSYC 4314 Psychopathology of Childhood**
This course will cover the major psychological disorders of childhood, including issues of prevalence, classification, phenomenology, course, comorbidity, major etiological theories, treatment and assessment. Lectures and discussions will highlight the current state of research on childhood psychopathology and will utilize a developmental psychopathology perspective.
Prerequisites: PSYC 2301 and PSYC 4313.
- **PSYC 4318 Theories of Learning**
A historical review of major theoretical positions in the field of animal and human learning
- **PSYC 4319 Cognitive Psychology**
The study of intellectual activities. Topics include attention, perception, pattern recognition, memory, concept formation, language processing, reasoning, judgment, decision making, problem solving, and creativity.
Prerequisites: PSYC 2301.
- **PSYC 4320 Memory**
The study of the acquisition, storage, retrieval and forgetting of information. Emphasis is on basic research and theory about adult memory processes, but some consideration is also given to applications and developmental aspects of memory such as memory in childhood and memory and aging. Prerequisites: PSYC 2301.
- **PSYC 4326 Cross-Cultural Psychology**
The course examines how culture shapes our cognition and behavior. In addition to exploring intercultural contact and cross-cultural research methods, the following areas are explored: perception, cognition, development, social relations, psychological disorders and treatment
- **PSYC 4328 Psyc Issues in Mex Am Comm**
Mexican-American personality development and assessment, ethnic identity and acculturation are examined in the course, as are Chicano perceptions of abnormal conduct and the use of alternative therapists. Selected community issues, such as immigration and prosocial behavior, are also explored from a psychological perspective. Prerequisites: PSYC 2301.
- **PSYC 4330 Human Motivation**
Human motivation is about the scientific study of the causes, sustaining, internally, directions, and termination of behaviors and mental states. Topics include human nature, desires for food, sex, sleep, intimacy, fear, anger, striving for achievements and power, developing interests and growing competencies, and making plans and setting goals. Prerequisite: PSYC 2301.
- **PSYC 4343 Human Factors**
Human factors is concerned with the optimal interaction between humans and their working environments, including machines, instruments, computers, and physical environments. The course draws from several areas of psychology, including sensation, perception, memory, cognition, physiology, learning, and motivation. The goal is to optimize the design of operation systems by considering human capabilities and limitations.
Prerequisite: PSYC 2301.
- **PSYC 4360 Clinical & Counseling Psyc**
This course introduces the methods of applying psychological principles to the diagnosis and treatment of emotional and behavioral problems and providing help with problems of social adjustment and vocational and educational goals.
Prerequisites: PSYC 3325 and PSYC 4313.
- **PSYC 4363 Sys & Theories in Psyc**
A history of the development of psychology and a study of theories in contemporary psychology. Prerequisites: 24 hours of psychology including PSYC 2301, 2401 and 3325.
- **PSYC 4342 Psychology and Law**
This course provides an interdisciplinary introduction to the field of Forensic Psychology, including basic concepts of the American legal process in civil and criminal cases and application of the science of Psychology in the legal system for the development and implementation of law and policy. The purpose of this course is for students to learn the various roles psychologists play in the legal system more specifically the application of psychological principles to the trial process.
- **PSYC 4383 Sp Prob: Positive Psychology**
Selected topics assigned according to the interest of the class and/or student. May be repeated for additional credit as topic varies. A total of 9 credits can be earned. Prerequisites: 9 hours of psychology and consent of instructor.
- **PSYC 4383 Special Problems - Health Psychology**
This course is designed to provide students with a broad overview of the field of health psychology. Some of the topics that will be examined include: how biological, psychological, and social factors interact with and affect the efforts people make in promoting good health and preventing illness; how effectively people cope with and reduce stress and pain; the psychosocial adjustment of people with serious health problems; ethnic/racial variations in health; and, the role of behavioral factors in health
- **PSYC 4383 Special Problem Psychopathology of Childhood**
Students will become familiar with the phenomenology of the common disorders of childhood; understand what the most popular theories of psychopathology say about the causes and treatments of emotional and behavioral disorders of childhood; understand the unique aspects of diagnosing and treating psychological disorders in youth; become familiar with the ways in which psychologists discover information about psychopathology in youth; and develop critical thinking skills that they apply to the material covered in class so that they are better able to distinguish between how they feel about the subject matter and what we know about childhood psychopathology.

SCHOOL OF INTERDISCIPLINARY PROGRAMS AND COMMUNITY ENGAGEMENT

- **MASC 1307 Mexican Folk Music**
A historical survey of Mexican folk music from its origins in ancient Mexican cultures through modern times. Course content includes audio and video recordings as well as performances of live music.
- **MASC 2301 Intro to Mex Am Studies**
This course provides an overview of the historical and contemporary experiences of Mexican American communities in the United States. It will also serve as an introduction to the central topics and debates in the field of Mexican American Studies. With an emphasis on the humanities, we will explore how Mexican American writers, musicians, visual artists, and critics create cultural texts that through their own hybridity, negotiate the tensions of being simultaneously within and on the margins of both Anglo and Mexican national boundaries.

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- **MASC 2327 Mex Am History I**
MASC 2327 focuses on Mexican American history from pre-Columbian America to 1865. Content includes the rise of indigenous civilizations, the Spanish conquest and emergence of colonial society, the development of the northern Mexican frontier, and the wars of independence. The course continues with coverage of the emergence of the U.S.-Mexican borderlands, the U.S.-Mexico War, Civil War, resistance to conquest, and the impact that these struggles had on Mexican American communities. Can be taken to replace HIST 1301. Prerequisites: TSI exemption in Reading, or College Ready TSI status in Reading, or Satisfactory grade for ENGL 0301/WRLS 0300.
- **MASC 2328 Mex Am History II**
MASC 2328 Explores the experience of Mexican Americans in the United States with an emphasis on the U.S. Southwest after 1848. The content of this course will be presented within the context of U.S. and Mexican history. Through assigned readings, lectures, films and class discussions students will examine the role of Mexican Americans have had in the making of the United States. Students will apply historical methods in the investigation of social, economic, and political conditions that have shaped the diverse experiences and identities of Mexican-origin people. Some topics of discussion include the U.S.-Mexico war, citizenship, immigration, labor relations, education, political participation, Civil Rights activism, and their participation in world events. Can be taken to replace HIST 1302. Prerequisites: TSI exemption in Reading, or College Ready TSI status in Reading, or Satisfactory grade for ENGL 0301/WRLS 0300.
- **MASC 2351 Intro to Mexican American Lit**
An introduction to the literature by and about Mexican Americans, including the study of literary genres, with special emphasis on the short story, novel or novella, drama, and poetry.
- **MASC 3308 Intro to Latina/o Lit**
Survey of major writers, poets, and playwrights of Latina/o origin in the United States. Special focus on historical conditions surrounding creative expression and its relationship to the use of language. Taught in Spanish.
Prerequisites: SPAN 2313, SPAN 2315 and SPAN 3300.
- **MASC 3332 Mex Am Hist**
The course focuses on the individuals, groups, institutions, ideas, and events in Mexican American History through the nineteenth century. Its content begins with an overview of the rise of indigenous civilizations in North America, the formation of a transatlantic Hispanic society, the Spanish conquest of Mexico and emergence of a diverse colonial Indigenous-Spanish-Mexican frontier society across North America. The emergence of citizenship and national identities, constructs of race, gender, and class, and Mexican American religion, culture, and folkways in a transnational borderland also receives substantial attention.
- **MASC 4317 Mexican-American Literature**
This course focuses on the work of Latina/o/x authors, primarily Mexican American or Chicana/o/x essayists, novelists, playwrights, and poets, who use literature as a vehicle for enacting social change. The course stresses the variety of Chicana/o/x literature while centering on the themes of home, familia, gender, sexuality, borders, and immigration. In the course, you will write your own border autobiography, engage with the literature from the perspective of a critic and collaborator, perform scenes from our plays, accomplish a midterm exam, and create a final experiential, collaborative group project with co-authored paper.
- **MASC 4323 Mex Amer Experience**
This is an online course.
- **MASC 4328 Psyc Issues in Mex Am Comm**
Mexican-American personality development and assessment, ethnic identity and acculturation are examined in the course, as are Chicano perceptions of abnormal conduct and the use of alternative therapists. Selected community issues, such as immigration and prosocial behavior, are also explored from a psychological perspective. Prerequisites: PSYC 2301.
- **MASC 4331 Mexican-American Civil Rights**
This course will examine the history of Mexican-American civil rights from the Wagner Act (1935) to the Civil Rights Act (1964). Students will evaluate the institutions, organizations, and people who fought for the equality and integration of Mexican Americans in the American Southwest. We will assess the different roles that these historical actors played in the struggle for citizenship rights against the larger backdrop of the Great Depression, World War II and Cold War eras. Prerequisites: HIST 3300.
- **MASC 4332 Chicano Movement**
Class will meet online during specified days/times
- **MASC 4392 Special Topics in MAS - Latina/o Theater for Social Action**
This course focuses on the work of Latina/o theater artists, primarily Mexican American or Chicana/o playwrights, who use plays and performances as vehicles for enacting social change. The course stresses the variety of Chicana/o theater while centering on the themes of home, familia, gender, sexuality, borders, and immigration, to name a few. The goal is for you to be inspired and charged to be an advocate for Latina/o stories on the stages in your community.
- **TRSP 3341 Intro to Spa/Eng Translation**
This course aligns with the bilingual, bicultural, biliterate mission of UTRGV and thus is taught in Spanish. Course description: This course is an introduction for bilingual students to the fundamental nature of translation, the formal and morpho-syntactical differences between English and Spanish, and practical translation procedure. Close attention is paid to language interference. Taught in Spanish. Prerequisites: SPAN 2313 or SPAN 2315 or SPAN 3313.
- **TRSP 4345 Topics in Translation**
This course studies topics in the theory and practice of Spanish and English Translation in areas other than business and legal texts, including but not limited to the following: education, medical, specialties, and technology. May be repeated for additional credit as topic varies. A total of 9 credits can be earned. Crosslisted with SPAN 4345. Prerequisites: SPAN 3341 or TRSP 3341 or departmental approval.
- **TRSP 4347 Translation Technologies**
This course aligns with the bilingual, bicultural, biliterate mission of UTRGV and thus is taught in Spanish. Course description: This course is an overview of practical software and computational methodologies for the professional practice of translation, including advanced word-processing, terminological database management and translation memory use. Taught in Spanish.
Prerequisites: SPAN 3341 or TRSP 3341 or departmental approval.
- **TRSP 4342 Interpreting**
The aim of this course is to provide a general overview and practical instruction of interpreting from English to Spanish and from Spanish to English, focusing on sight translation, consecutive interpreting, and some simultaneous interpreting. The course is designed to provide instruction and supervised practice in English <-> Spanish interpreting, with emphasis on "as-if" real professional situations.
- **TRSP 4346 Commercial Translation**
The aim of this course is to provide a general overview of most representative translation practices, techniques and specialized terminology when translating texts of commercial nature – in its broadest sense: business, financial, trade, stock-market, accountancy— from English into Spanish and vice-versa. Several text typologies will be entertained, including an analysis of business and financial language in English and Spanish.

SOCIOLOGY & ANTHROPOLOGY

● ANTH 1324 Human Evolution

This course is designed to teach you about human origins. The course begins with a background discussion on early theories of human origins and methods used in the scientific investigation of humankind's past. This is followed by a section on genetics and the biology of heredity to help you understand how evolution happens. The rest of the course covers the biological and cultural evolution of humans from over 4 million years ago until people became fully modern.

● ANTH 1353 Intro to Folklore

This general introduction into the field of folklore places emphasis on data collection, preservation, analysis, and interpretation of such themes as folk music, narrative, drama, art, ethics, medicine, and material culture, accomplished using appropriate social sciences methodologies and theories of folklore set in a historical and multicultural context. A processual-based approach and the comparative literature approach allow us to view folklore as an event occurring in our everyday lives—something we can document and analyze. By the end of the course, you will see symbolic forms—from Cinderella dolls to pan dulce—in a new light. To get to this point, students will use readings, lecture material, activities and multimedia to comfortably analyze different approaches to folklore

● ANTH 1354 Anth-Expressive Culture

The examination of language of human expressive culture in a multicultural perspective. The course reviews such topics as human tradition, folkways, folk literature and poetry, folk drama, indigenous literature, architecture, and religious expressions. The objective of this course is to expand the student's knowledge of the human condition and human cultures, especially in relation to behaviors, ideas, and values articulated in the language of expressive behavior.

● ANTH 2302 Intro to Archeology

General introduction to the field of archaeology. Emphasis on methodology of data collection and analysis plus a comprehensive review of major archaeological discoveries as they reflect understanding of diverse historical and cultural development of both ancient and modern societies.

● ANTH 2311 Global Health

This lower-division interdisciplinary course in global health and social justice is designed to enrich the educational experiences of undergraduates across all disciplines. It teaches students to critically analyze the strengths and weaknesses of intersecting (and at times contrasting) disciplinary approaches related to health. Students will gain familiarity with the disciplinary orientations of medical anthropology, social medicine, global health law, health policy/health economics, public health, and epidemiology. Furthermore, students will learn to write concisely, synthesize information, evaluate related arguments, and develop their own critical perspectives. The course meets the GE Core in 090 Foundational Area-Integrative/Experiential Learning in the Interdisciplinary section.

● ANTH 2351 Cultural Anth

An introduction to cultural anthropology. Major aspects of culture (social organization, economics, religion, etc.), cultural patterns, cultural processes, cultural diversity and sociocultural change are examined in the context of historical development, contemporary societal conditions, and multiculturalism using appropriate methodological and theoretical analyses

● ANTH 3304 Indians North America

To explore the diverse nature of Native American cultures at the time of European contact. In this class students will see how ethnographers, ethnohistorians, and historians have recorded the lifeways of contemporary aboriginal societies and have reconstructed their prehistoric past. Consideration will be given to the impact of European contact and how that has altered "Western" images of the North American Indian

● ANTH 3323 Mexican Amer Culture

Mexican American culture is a subject of great interest for scholars from a variety of disciplines-- anthropology, history, literature to mention but a few. In this course, we focus our inquiry into Mexican American culture through an anthropological lens using anthropologists' primary tools, ethnography and the culture concept. Ultimately, students will leave this course with a deep sense of the social issues confronting some Mexican American communities.

● ANTH 3333 US/Other World Culture

In this course, we will consider human cultural variation in terms of the notion of self and soul. The course will compare and contrast some of these views and attempt to understand why these different views exist and endure. The course will pay particular attention to contrasts between Western and non- Western understandings of self and soul, as expressed through different world religions, and will encourage students to question assumptions about the universality of human values and behaviors

● ANTH 3363 Arch Method & Theory

Degree Elective

● ANTH 3374 Religion in Society

This class examines both classical and contemporary explanations of religion in society. Religion is a cultural universal; that is, it is found in all known societies, both past and present. To account for this universality, theorists from closely related disciplines (anthropology, biology, political science, philosophy, psychology and sociology) have developed explanatory theories of religion. This course will familiarize students with these diverse perspectives so as to build a foundation for further analysis from the perspective of the social sciences.

● ANTH 3375 Mexican Amer Folklore

Mexican American folklore is a subject of great interest to scholars from a variety of disciplines-- anthropology, history, literature to mention but a few. Given the broad-based and interdisciplinary nature of the topic's appeal, understanding what constitutes the field is our point of embarkment. Students will leave this course with an elementary understanding of folklore theory as well as a deep sense of the ways in which they can interpret folklore from their everyday experience.

● ANTH 3380 Social Anthropology

A cross cultural review of kinship, economic and political organization, the course will focus on the plight of hunter-gatherers, advanced horticulturalists, and issues related to globalization and migration. Students will study how globalization has impacted culture, politics, and grassroots mobilization, and understand basic procedures of anthropological research by analyzing anthropological data.

● ANTH 4315 Discovering RGV

This course is taught by a team of faculty with research expertise in the Rio Grande Valley. This is an interdisciplinary course where students will gain an understanding of the archeology, anthropology, history, geology, and biology of this dynamic borderlands region. Themes/topics that will be discussed include, but are limited to: Indigenous cultures, race and ethnicity, cartography, institutions, political economy, women, gender relations, family and land history, and the environment.

● ANTH 4348 Peoples Cultures Mexico

In this course we will explore the past and present lifeways of Middle American peoples. Middle America, also known as Mesoamerica, extends from Northwestern Mexico southward to present-day Belize, Guatemala, and parts of El Salvador and Honduras. The region has been witness to many dramatic developments over the last 3,500 years, including the independent development of writing, calendrics, and agriculture.

● ANTH 4350 Mex Amer Folk Medicine

Mexican Americans live in a world that is the product of unique historical and cultural experiences. A major dimension of Mexican American experience today is folk or traditional medicine. Mexican American folk medicine has a long and involved history. The present-day encounter of Mexican American culture with North American culture has in turn brought about still more changes in folk medicine.

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ANTH 4385 Topics in Anthropology

Food & Drink Past to Present - Students will learn about a wide range of culinary traditions, from humanity's distant past through the present, with contemplations of the future. Ultimately, students will be asked to think more closely about the food they eat – what role it plays in their lives, their histories, their futures – and how understanding the ways humanity has shaped food, and food has shaped humanity, can inform us about the world(s) in which we live.



SOCI 1301 Intro to Sociology

This course is intended to help you use a sociological perspective to enriching your personal, academic, civic, and professional life. Sociology is a powerful and enlightening way of viewing and understanding the world around us. It offers us a new way to understand the connections between individuals and society, along with perspectives on the impact of social forces on individual behavior.



SOCI 1323 Social Problems

This course helps students understand contemporary social problems facing United States society.



SOCI 3313 Criminology

The course emphasis is on diverse theoretical approaches to the study of crime, its causes, consequences, reactions to, and social treatment. Topics covered include historical and contemporary theories of criminology; analysis of crime decline in the last 50 years; and discussion on criminal behavior's perceived biological and psychological factors.



SOCI 3324 Sociology of Health

This course is the analysis of basic problems in the maintenance and preservation of health and delivery of health care services by social class. Focus is on environmental causes of disease; social-psychological response to illness; and family cohesion, strain and resources as affected by illness.



SOCI 3325 Social Psychology

An introduction to social psychology as practiced within the field of sociology. Emphasis on diverse theoretical approaches and substantive areas, such as socialization, self-development and presentation, social influence, interpersonal attraction, groups, intergroup relations, and the linkages between self and social structure. Prerequisites: 3 hours of sociology.



SOCI 3333 Urban Sociology

This course considers a wide range of issues and confronts countless questions related to the city and urban life. While the course foundation is sociological, it embraces a multidisciplinary approach. The course depicts patterns, either past or present, which shape people's way of life, and it provides a close-up look at how people really live. The course presents the literary accounts and scholarly analyses of significant dimensions of urban life as well as provides case studies that offer a broad socio-historical look at major cities in various regions of the world



SOCI 3345 Sociology Mass Comm

The purpose of this course is to study the development, structure and function of mass media. We will explore both mainstream and emerging media, the organizational foundations and business of these industries, their effects, and how we, as media consumers, engage with the media. We will also study the complex ways that media interact with social forces, both influencing and being influenced by society.



SOCI 3346 Hispanics in Global Society

An exploration into the historical development of cultures that merged into contemporary Spanish-speaking peoples rooted in European, Native American, and African ancestries. The concept "Hispanities," developed by Carlos Fuentes serves as a theoretical structure to understanding the modern societies of Spain, Latin America, and the growing "Latino" population of the United States



SOCI 3347 Sociology of Immigration

This course focuses on the explosion of migration that has occurred around the world over the past few decades. We will address such topics as the reasons why people choose to migrate, when and where they go. We will analyze the role of population movements in the formation of ethnic minority and the impact of growing ethnic diversity on economies, cultures, social developments and political institutions.



SOCI 3348 Disaster & Society

The course examines the relationship between disasters and society from a sociological perspective. Key themes involve preparedness, warning response, mitigation, social vulnerability, long- and short-term recovery, and international hazard management. Prerequisites: 3 hours of sociology.



SOCI 3363 Sociology of Religion

A sociological analysis of religious beliefs, practices, and organizations in the United States and in other societies. This course examines the reciprocal influence between religion and society. Students will be able to use the sociological perspective to analyze and identify the complex social relations and interaction created by religion



SOCI 3393 Sociology of Aging

An analysis of aging within a social context. This course examines societal level issues of age across time and across cultures as well as the process of aging for individuals with an emphasis on health, social statuses, social engagement, and interpersonal relationships. In the first unit of the course students will be exposed to a life course perspective on aging. In the second unit, we will address controversies surrounding aging, caregiving, and healthcare. In the third and final unit, we will examine the economic and social outlook for an aging society.



SOCI 4301 Research Methods

A survey of the research methods used in social science research including varieties of participant-observation, archival analysis, the survey method, and experiment/quasi-experimental design. Emphasis is placed on hypothesis formulation and the linkage between sociological theory and research methods. Prerequisites: 6 hours of sociology.



SOCI 4310 Sociology of Gender

Welcome to Sociology of Gender! In this course, students will be introduced to a wide variety of issues in the field of the sociology of gender related to sexuality, gender and identity. This course will span the spectrum of topics related to all genders. This includes women, men, intersex, transgender and others.



SOCI 4313 Race & Ethnic Relations

This course is designed to familiarize students with the analysis of minority groups, including power relations, patterns of majority-minority relations and relevant theoretical explanations. Providing a broad assessment of immigration and multicultural patterns, the class serves as a comprehensive source for racial and ethnic studies.



SOCI 4314 Sociology of Deviance

This course examines the nature, location, and impact of deviant behaviors by exploring the definition in deviance research. Topics in this class and textbook include the historical discipline formation for deviance, how we measure deviance, the development of deviant behaviors, the various types' of deviance



SOCI 4320 The Sociology of the Family

A comparative historical approach will be used to examine sociological issues concerning the family in contemporary America. An in-depth analysis will focus on many of the social problems that affect the most important social institution in society.



College of Liberal Arts

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- **SOCI 4323 Mex Amer Experience**
Presents an examination of the Mexican American's economic status, cultural values, style of life, educational attainment, family status, and political participation as affected by current socioeconomic conditions and their historical antecedents. Prerequisites: 6 hours of sociology; OR SOCI 1301 with declared social work major.
- **SOCI 4333 Social Theory**
The primary purpose of this course is to provide students with an introduction to both classical and contemporary sociological theory. As a social science discipline committed to the scientific study of societies, sociology is centrally focused on the organization of societies, the interrelations among various groups and institutions across societies, and the nature of social change. The topics covered in this course should therefore stimulate your critical thinking and encourage healthy academic debate
- **SOCI 4352 Social Stratification**
This course provides a sociological approach to social stratification. We will analyze the consequences of inequality for individuals and groups; the relative importance of economic, political and social forces in creating and sustaining inequality; class consciousness; the significance of race, ethnicity and gender; and the use of social policy to mitigate inequality (primarily in the United States but also internationally).
- **SOCI 4360 Sociology of Education**
This course examines the social and institutional organization of education and the profession of teaching, how class, ethnic and social factors affect the educational process, and the effect of educational institutions and practices on the community and society. Students in the course will develop an understanding of how education and educational institutions have been created and adapted, how they vary across contexts, and how education affects and is effected by social environment.
- **SOCI 4365 Sexuality & Society**
In this course, students are introduced to a wide variety of issues in the field of sexualities and their social aspects, including sexuality as a site of inequality and marginalization and how sexuality intersects with other identities, like race/ethnicity, gender, age, class and ability status.
- **SOCI 4385 Special Topics in Sociology - Food, Culture, and Society**
In this course, we will explore how we as individuals and as a society relate to food. We will study how food shapes and expresses our identities and cultures, where our food comes from, how food is produced and consumed, and who grows, packages, transports, and processes our food. The main purpose of the course is to foster critical thinking on the linkages between individuals and social systems, through a focus on food.
- **SOCI 3312 Environmental Sociology**
Rather than viewing society and the environment as two disconnected realms, the course encourages students to adopt a broader ecological perspective on community environment relationships through which to understand global warming, natural disasters, and other changes in the natural environment. Specific topics include the environmental movement, global climate change, natural and technological hazards, health, genetic engineering and food, toxins and environmental waste, and conservation. Throughout the course students will be challenged to think about how the structural, hierarchical, and cultural elements of society shape environmental change.
- **ANTH 4311 Medical Anthropology**
This course is intended for students with no former experience with medical anthropology. By completing the course, students will gain a familiarity with the field of medical anthropology and the broad range of topics that have been researched by medical anthropologists over the last thirty years. The course addresses some of the following questions: How can we think about ethnography as a form of intervention? What is the relationship between how people are governed, citizenship-based rights, and health? What is the meaning of violence, and alternatively, what work is done through humanitarianism, care, and love? What is "moral clarity" in the context of epidemics?

WRITING & LANGUAGE STUDIES

- **ARAB 1311 Beginning Arabic I**
This course is a study of fundamental skills in listening, speaking, reading and writing. It includes basic vocabulary, grammatical structures, and culture. We will review grammar points, discuss readings, do "role plays" in class, as well as listen to CDs, music and audio, and watch videos and power-point on Hispanic culture. As learning outcomes, students will be able to carry on a simple conversation in Arabic with a native Arabic speaker; understand a gist of the conversation between two native speakers; and, become acquainted with Arabic cultural treasures in literature, art, and music
- **ARAB 1312 Beginning Arabic II**
This course is the second of two basic course in the Arabic language. It is a continuation of the study of fundamental skills in listening comprehension, speaking, reading and writing; including basic vocabulary, grammatical structures and culture. We will review grammar points, discuss readings, do "role plays" in class, as well as listen to CDs, music and audio, and watch videos and power-point on Hispanic culture. As learning outcomes, students will be able to carry on a simple conversation in Arabic with a native Arabic speaker; understand a gist of the conversation between two native speakers; and, become acquainted with Arabic cultural treasures in literature, art, and music.
- **CHIN 1311 Beginning Chinese I**
This is specially designed for young adult and adult learners and employs a communicative approach to language learning. Emphasis is placed on pair work, group work and on a variety of speaking and listening activities to help students become confident Chinese language speakers. The students will be able to greeting and ask name, nationalities and describing favorite people and animal in Chinese, Identifying contact numbers, Identifying postal and email addresses, Identifying days of the week, month and dates, Daily activities on a weekly planner
- **CHIN 1312 Beginning Chinese II**
This course is the second of two basic course in the Chinese language. It is a continuation of the study of fundamental skills in listening comprehension, speaking, reading and writing; including basic vocabulary, grammatical structures and culture
- **SGNL 1301 Beginning Sign Language I**
This course is an introduction to the basic skills needed in the production and comprehension of American Sign Language (ASL). Course work includes focus on the manual alphabet, numbers, conversational skills, culturally appropriate behaviors, and ASL grammar. Emphasis in the course is upon acquisition of both comprehension and production skills and knowledge of the deaf community interaction
- **SGNL 1302 Beginning Sign Language II**
Students will be expected to demonstrate the ability to initiate, conduct, and terminate a context specific conversation in American Sign Language (ASL); have receptive competence for short narratives, dialogues, stories including Deaf culture; produce and read vocabulary signs which pertain to emotion or cognitive states, personality characteristics, business, negation and action verbs; analyze and translate English scripts into ASL; and utilize lexicalized signs at the end of the course.
- **ENGL 2315 Humans & Language**
As a core course, the goal of these assignments is to hone a variety of skills. The readings will invite you to think critically about civic responsibility and ethical behavior in a world of many different languages and language speakers. The analysis sets will require critical thinking and skill development in empirical and quantitative reasoning. The engagement opportunities and the research project will ask you to develop your communication skills to demonstrate your learning as well as the thinking and reasoning you are doing in the other components of the course
- **ENGL 3346 Writing & Culture**
This course provides students the opportunity to analyze and explore the complex ways in which culture shapes and is shaped by writing and other forms of textual representation. The term culture has been subject of study and scrutiny across public and academic spaces, times and movements. This course explores the concepts of language and culture from the late nineteenth century to present as well as the interactions between these. It also studies the term "culture" in relation to other aspects of the human conditions and the sociocultural environments in which it develops

College of Liberal Arts

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- **ENGL 3360 Intro to Lang Studies**
Provides an overview of the cross disciplinary nature of language issues from the careful analysis of languages, to language learning, to political interactions among languages in contact, to applications of language study for various disciplines
- **ENGL 3370 Language & Culture**
English 3370 is a systematic exploration of social aspects of language and language use, including language attitudes, sociolinguistic dynamics of language contact situations, language learning, and the social and linguistic nature of dialects, language variation, and language change
- **ENGL 3375 Intro to Eng as 2nd Lang**
A study of the process of learning English as a second language. Special attention given to theories, variables, and second language acquisition. Students will analyze and interpret a variety of texts and patterns of language, using a range of theoretical approaches and disciplinary modes of inquiry
- **ENGL 4360 Fundm of Lang Development**
A linguistic study of how children develop language skills from age five through adolescence. Covers all systems of language from basic sounds through competence in oral and written communication
- **ENGL 4370 Intro to Border Lang**
This course provides an introduction to language use along the US-Mexico border with special attention given to Texas and Valley speech. Topics to be discussed include bilingualism; English and Spanish varieties of speech; language and literacy acquisition education; social, cultural, and historical influences on border and Valley speech; language attitudes; maintenance/shift; and language planning (policy). Note that we may discuss all aspects of language, including possibly taboo language.
- **FORL 1391 Foreign Language I -Beginning Korean Studies I**
Study and development of communicative competence of Korean focusing on language knowledge such as grammar, vocabulary, and pronunciations as well as sociolinguistic understanding of cultures, speech style, kinesics, formality, and polite
- **FORL 1391 Foreign Language I - Chinese I**
The goal of this course is to speak fluent Chinese in certain topics, to write a few characters. This course requires no prerequisite course, it starts from the very beginning of the pronunciation stage. The course is divided into two parts, Chinese language and Chinese culture. The language section focuses on listening and speaking, that is, effective communication with Chinese native speakers in daily life. In Chinese culture section, some traditional Chinese culture elements will be introduced: Chinese Festivals, Chinese scenery, Chinese songs.
- **SPAN 1311 Beginning Spanish I**
This is a beginning Spanish course designated for non-Spanish speakers. This course is designated to develop basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level
- **SPAN 1311 Span for Non-Nat Speak I**
A course designed to develop the ability to understand, speak, read and write the Spanish language. Open only to persons who are monolingual.
- **SPAN 1312 Span for Non-Nat Speak II**
The course will be student-oriented and thus involve considerable interactive work in class. It will also require preparation at home, including online assignments. Students who successfully complete Spanish 1312 will develop basic communicative skills in the Spanish language in the area of listening, speaking, reading, and writing. The student will also demonstrate understanding and appropriate application of basic grammatical aspects of the Spanish language
- **SPAN 1312 Beginning Spanish II**
This is a beginning Spanish course designated for non-Spanish speakers. This course is designated to develop basic Spanish language skills in listening, speaking, reading, and writing within a cultural framework. Students will acquire the vocabulary and grammatical structures necessary to communicate and comprehend at the beginner level
- **SPAN 2313 Span for Nat/Her Speak I**
This is a beginning Spanish course designed for non-Spanish speakers. The course will be student-oriented and thus involve considerable interactive work in class. It will also require preparation at home, including online assignments. Specifically this will entail learning vocabulary and verb forms before the day these are practiced in class. Class time will be used primarily to engage these skills in various contexts. The course is designed to help the student learn enough Spanish to adequately communicate his/her basic needs in everyday life situations in a Spanish-speaking environment
- **SPAN 2313 Spanish for Bilinguals I**
This course is intended for Spanish Heritage Learners (SHLs), students who have some language proficiency and competence in Spanish, their heritage language. Even though SHLs are able to use Spanish in the home and community environments in effective ways, it is assumed that SHLs may understand and speak the home language to some degree, but feel more at ease in the dominant language of their society. With this in mind, the course gives SHLs the opportunity to study oral and written skills in their heritage language
- **SPAN 2315 Spanish for Bilinguals II**
A continuation of Spanish 2313, this course is designed for Spanish/English bilingual students who learned Spanish at home and other students from Spanish-speaking backgrounds that have oral proficiency in Spanish but little or no formal training in the language. The main goals of this course are to further develop and expand the academic Spanish language skills in: reading and writing in Spanish, and advanced knowledge of Spanish grammar vocabulary, including orthography, while promoting a greater familiarity with Hispanic cultures.
- **SPAN 2315 Span for Nat/Her Speak II**
This course is designed for Native Speakers of Spanish and other students from a Spanish-speaking background. The main goals of this course are to develop basic skills in: reading and writing in Spanish, and advanced knowledge of Spanish grammar and vocabulary—including orthography and the use of written accents—while promoting a greater familiarity with Hispanic cultures
- **SPAN 2317 Spanish for Healthcare Prof I**
Language barriers in health care affect 14 million patients in the United States. Through exposure to cultural and scientific texts, furthermore, students will gain an awareness of the profound impact that language barriers play in the health of the Spanish-speaking linguistic minority in the United States
- **SPAN 2318 Spanish for Healthcare Prof II**
This course is designed for students with a home background in Spanish interested in pursuing a career in the health professions. Students in this course will improve their Spanish language skills through practice in the art of medical interpreting and through the systematic and comparative study of medical terminology in Spanish. At the same time, students will improve general proficiency in conversational Spanish through a systematic study of the most common morphological and grammatical constructions in the language
- **SPAN 2321 Spanish in the United States**
Drawing on an understanding of language development and use in social contexts, the course will foster understanding of the sociolinguistic contexts of Spanish spoken in the U.S. as well as its historical and contemporary challenges. Students will develop critical and linguistic awareness about the relationship between language, individuals, and society in the context of Spanish language use in the United States, with special emphasis on historical migration patterns and settlements, characteristics of Spanish communication in contact with English, and language use and language attitudes towards discourse patterns.

College of Liberal Arts

- Sustainability FOCUSED
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- **SPAN 3302 Creative Writing in Spanish**
Drawing on an understanding of language development and use in social contexts, the course will focus on how Spanish language users develop and communicate ideas effectively, especially considering the multilingual contexts and effects of messages in Spanish language user contexts in the U.S. The course introduces students to Hispanic bilingualism and socio-linguistic issues and provides a descriptive and critical overview of the different Spanish-language communities in the United States.
- **SPAN 3304 Advanced Spanish for Teachers**
¡Bienvenidos! This course is designed to prepare the bilingual educator to derive essential information, interpret meaning, and evaluate oral and written discourse relevant to the bilingual education curriculum and classroom. The course will also provide intensive practice on the use of spoken and written language with a variety of audiences in culturally appropriate ways in order to satisfy the requirements of routine educational and professional situations relevant to the bilingual classroom. The course will be taught in Spanish.
- **SPAN 3341 Spanish to English Translation**
This course is designed to provide beginning instruction and practice in translation from Spanish into English. During the course, students will be working with translation at the sentence level. Additionally, the course includes theoretical notions to help guide students develop their translation skills
- **SPAN 3343 Adv English to Spanish Transl**
This course is designed to provide basic instruction and supervised practice in translation from English into Spanish. During the course, students will be working with texts of basic to moderate difficulty. The course includes both theory and practice. The course is designed to provide students with basic orientation in the theory and practice of translating a text from English into Spanish
- **SPAN 3344 Adv Span for Healthcare Pro I**
This course is designed to familiarize students with basic notions of public health, health literacy, and intercultural health communication. It also familiarizes students with strategies and interventions to improve health communication among Spanish-speaking patients. At the same time, the course develops skills to adequately and appropriately convey written health messages in Spanish and to translate and trans-adapt health-related written documents from English to Spanish. The knowledge and skills developed in this course will benefit future health providers by preparing them to produce, evaluate and mediate written health messages in Spanish.
- **SPAN 3346 Business Spanish**
The aim of this course is to provide a general overview of commercial texts in Spanish, specialized terminology when translating texts of commercial nature — in its broadest sense: business, financial, trade, stock-market, banking, accountancy, real estate, human resources— from English into Spanish and vice-versa. Several text typologies will be entertained, including an analysis of business and financial language in English and Spanish.
- **SPAN 3348 Adv Span for Healthcare Pro II**
The course is designed to familiarize students with basic notions of public health, health literacy, and intercultural health communication. It also familiarizes students with strategies and interventions to improve health communication among Spanish-speaking patients. At the same time, the course develops skills to adequately and appropriately convey written health messages in Spanish and to translate and trans-adapt health-related written documents from English to Spanish. The knowledge and skills developed in this course will benefit future health providers by preparing them to produce, evaluate and mediate written health messages in Spanish.
- **SPAN 4315 Acquisition of the Span Lang -**
This course provides an introduction to the theory and research in the acquisition of the Spanish language. It provides students with an introduction to Spanish first and second language acquisition and the issues that arise as a result of multilingualism such as attrition, or the loss/erosion/modification of a previously acquired language when others are acquired, incomplete acquisition of the language. Taught in Spanish
- **SPAN 4370 Teaching Spanish as a Heritage Language**
This course is an introduction to the field of heritage language education with a focus on teaching Spanish to heritage language learners (HLL). It offers an overview of the fundamental issues that are related to this field, such as heritage language maintenance and development, socio-cultural issues, language variation in the Spanish-speaking world as well as characteristics of English/Spanish bilingualism in the United States. Taught in Spanish

College of Fine Arts

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SCHOOL OF MUSIC

- **MUSI 1211 Music Theory I**

This course will begin with the fundamentals of music (note reading, intervals, chords, scales, key signatures, etc.) and will conclude with four-part writing. Note that you must be concurrently enrolled in Sight Singing and Ear Training I and in Class Piano I unless you have passed the piano proficiency. Prerequisites: Theory Placement Exam

MUSI 1306 Music Appreciation - An introduction to the formal study of music. Subject matter includes the basic elements of music and the historical style periods in Western art music along with their most important composers. Although "classical" music will be the course's emphasis, popular styles after 1900 (like jazz and rock), as well as several non-Western musical traditions may also be covered. Listening, reading, and analysis will lead to a greater understanding and appreciation of these styles. No prerequisite. Meets the requirements for the Creative Arts in the General Education Core.
- **MUSI 1308 Music History & Literature I**

Music 1301 is designed to introduce students to the major developments in the history of Western Art Music from the Ancient Greeks to the mid-eighteenth century. The course will pay particular attention to (1) issues of musical style, including contemporary approaches to music theory and performance, and (2) historical and sociocultural conditions in which various styles and genres developed (including their social, political, economic, religious, and intellectual contexts). The course is also designed to introduce students to basic research in music. There is no prerequisite music course for this class, but beginner level ability to read music notation is REQUIRED.
- **MUSI 1309 World Music Cultures**

Introduces the study of music by asking fundamental questions about the origins, functions, and universal qualities of music in human society. Students learn how people worldwide use instruments, organize musical sound, and utilize music to enrich their experiences. Universal and unique aspects of music cultures will emerge through selected case studies from Africa, Asia, Europe, and the Americas.
- **MUSI 1310 History of Rock**

MUSI 1310: History of Rock is an introductory course in the elements, forms, and stylistic eras of rock music. This course will serve as a survey of compelling musical figures and selections from the 1920s through present day. Open to all students, the course is designed to promote and develop intelligent listening and enjoyment of rock music. It will therefore provide an opportunity to increase the student's cultural awareness and vocabulary, and will serve to increase appreciation of rock music with which the students are already somewhat familiar
- **MUSI 1313 Teaching Mus in Elem School**

This course is designed for individuals who may teach in a self-contained elementary classroom. The course will focus on music fundamentals and skills, and the processes by which children achieve musical growth. No previous musical experience is necessary
- **MUSI 2310 Technology in Music**

The course provides experience with the four major types of uses of technology by music teachers and students: Administrative/Communication, Preparing Teaching Materials, Leading Class Activities and Student Uses of Technology to include the fundamentals of orchestration and arranging.
- **MUSI 3301 Music History & Literature II**

Music 3301 is designed to introduce students to the major musical developments in the history of Western Music in the 18th and 19th centuries (classical to Romantic periods). The course will pay particular attention to (1) issues of musical style, including approaches to music theory and performance, and (2) the historical and sociocultural conditions in which various styles and genres developed (including their social, political, economic, religious, and intellectual contexts). Students enrolled in music history should have fulfilled music literature and music theory/aural skills prerequisites.
- **MUSI 3302 Music History & Literature III**

Music 3302 is designed to introduce students to the major musical developments in the history of Western ("Art") Music from the mid-19th century to the present. The course will pay particular attention to (1) issues of musical style, including approaches to music theory and performance, and (2) the historical and sociocultural conditions in which various styles and genres developed (including their social, political, economic, religious, and intellectual contexts). The course is also designed to introduce students to basic research in music.
- **MUSI 3104 Choral Literature**

The objective of this course is to develop a thorough knowledge of the masterworks of the choral repertoire from historical and stylistic perspectives. The course format will include listening and reading assignments, presentations by class members, and a survey of appropriate choral literature for middle school and high school choirs. Prerequisites: MUSI 2212 and MUSI 2117. Music majors only.
- **MUSI 3106 Guitar Literature**

This course provides an introduction to the following: basic literature for beginning, intermediate, and secondary guitar; small ensemble literature; solo instrumental repertoire; concert programming; counting systems; sight-reading methods and texts; jazz band literature and improvisation materials. Prerequisites: MUSI 2212 and MUSI 2117. Music majors only.
- **MUSI 3204 Instrumental Literature**

Instrumental Literature is designed to provide prospective performers and teachers with resources for locating and evaluating literature of their applied instrument. Emphasis will be placed on identifying appropriate compositions and method books based on educationally sound criteria. Prerequisites: MUSI 2212, MUSI 2117, and MUSI 2114. Music majors only.
- **MUSI 3225 Vocal Performance Techniques**

Students will learn elements of stagecraft, including acting techniques, improvisation, movement, elements of set and makeup design, stage direction concepts, and how to incorporate them into vocal performances of a wide range of vocal repertoire. This class should be taken after MUSI 1198: Movement and Vocal Improvisation. Prerequisites: MUSI 2212, MUSI 2117, and MUSI 2114. Music majors only.
- **MUSI 4301 Chamber & Symphonic Music Lit**

A survey of representative chamber and symphonic music literature of the Classic, Romantic and Modern periods. The course will aim to examine style traits and tendencies of instrumental chamber and symphonic music across all orchestral instruments. Prerequisites: MUSI 2212, MUSI 2117, and MUSI 2114. Music majors only.
- **MUSI 4310 Music Advoc, Outre, & Busin**

MUSI 4310 90L is a course designed to equip future music educators and performers with the organizational, business, community engagement, and arts advocacy skills needed to successfully run a musical program, a private studio, an ensemble and individual careers. The course will involve lectures, projects and a practicum component. Prerequisites: Students taking the course for graduate credit will have additional research and practicum requirements
- **MUSI 2212 Music Theory IV**

This course will continue the study of chromatic harmony and introduces several post-tonal analytical techniques: Note that you must be concurrently enrolled in Sight Singing and Ear Training IV, or another aural skills lab as assigned, and in Class Piano unless you have passed the piano proficiency. Prerequisites: MUSI 2211 and MUSI 2116

College of Fine Arts

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DANCE PROGRAM

- **DANC 2303 Music for Dancers**
Introduction to musical elements as they relate to dance technique, performance, and instruction.
- **DANC 2323 Dance Appreciation**
This course is designed to provide an understanding and appreciation of dance for students with no previous dance training. Through movement explorations, readings, films and group projects, students will be introduced to a variety of dance styles as a form of cultural, social and creative practice.
- **DANC 3301 Choreography I**
Investigation of compositional structures, motif and motif development; space, dynamics and rhythm as choreographic tools in dance making, leading to production of original dance work for formal/informal presentation. Prerequisites: DANC 1202.
- **DANC 3311 Dance Production**
Theory and practice of technical production for dance, including lighting design, costume design and construction, set design, sound and props.
- **DANC 3313 World Dance**
Inquiry into dance forms and cultural contexts in diverse world cultures.

SCHOOL OF THEATER

- **THTF 1310 Theatre Appreciation**
This class covers the basic elements of live theatre and especially stresses the understanding and appreciation of the nature, function, and history of theatre and its collaborative elements. Guest directors, actors, and designers augment the discussions. Students will understand those works as expressions of individual and human values within an historical and social context.
- **THTF 1330 Stagecraft**
This course gives instruction and practice in the methods of construction, painting, rigging, shifting stage scenery, and properties, as well as the application of these techniques.
- **THTF 2361 Video & Film Editing I**
In this course the student will learn the basics of non-linear editing using a variety of software.
- **THTF 2366 Cinema Appreciation**
This course is an introduction into the Art of Cinema. The focus of this class is on critical viewing of films, as well as identification and analysis of film form, technique, and content. This course will introduce the art, technology, language, and appreciation of film, exploring the varieties of film experience. Students will learn about the basic cinematic techniques and structures. Consideration will also be given to analyzing the fundamentals of film production, directing, acting, and editing
- **THTF 3311 Contemporary Drama**
Study of trends and movements in 20th century American, British and European drama with emphasis on works of major playwrights. Equivalent Course: ENGL 3327; can be counted as English or Communication in satisfying degree requirements. Credit may be received for only one course.
- **THTF 3312 World Drama**
We will be reading and discussing dramatic literature from cultures around the world, including plays from Russia, France, Ireland, Japan, Mexico, India, China, and Nigeria. Multi-media technology and supplemental readings and lectures will add to our knowledge of the cultural and historical contexts of these works. We aim to enter imaginatively and critically into a variety of cultural realms, with a unifying focus on dramatic literature and its performance.
- **THTF 3315 Hist & Signif of Motion Picture**
The Purpose of this course is help the student understand the world of communication via motion pictures by examining the history of the medium and how certain films, personalities, laws, and technology has impacted human culture. Film today is a product of its evolution as if as served as a reflector, innovator, and shaper of national and international cultural norms. Much of American culture and language has its roots in this form of story telling and entertainment. This course will help the student appreciate both films' contributions and its negative effects in society, arts, politics, and entertainment
- **THTF 3351 Acting III**
This course is a study of work with partners in scenes. It gives the students practice in the techniques of working in large and small groups, working for specificity of character, and developing responsive and responsible rehearsal techniques. Prerequisites: THTF 1351.
- **THTF 3354 Voice and Diction**
The purpose of this course is to help you understand and duplicate the sounds of standard American speech as expected of announcers, actors, and other professional speakers. The class will help you develop a stress-free, well-modulated vocal quality that has as full a range as possible of pitch, clarity and force. The course also helps you understand the process of vocal production in order to assist you in maintaining a healthy voice, and to be familiar with the different styles of speaking used in the various media live stage performances, film, television, public presentation and radio.
- **THTF 4317 History of Theatre II**
This course is a continuation of History I and its critical introduction to the history of Western theatre. History II begins with the English Restoration and progresses through Victorian theatre, Romanticism, and the rise of Absurdist drama of the 20th century as well as mid-century American classics. It will be conducted primarily as a lecture/play analysis course, and

SCHOOL OF ART

- **ARTS 1301 Art Appreciation**
A general introduction to the visual arts designed to create an appreciation of the vocabulary, media techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts. This class will expand students' knowledge in visual literacy by developing a working vocabulary for the visual arts; and interpreting works of art through historical, social, psychological, cultural and aesthetic perspectives. As well, explore the profound consequence that art can have upon the history of a society and how certain specific directions of style and philosophy have impacted the process of change in the domain of art production.
- **ARTS 1303 Art History I**
Lectures in this class will reinforce social responsibility by examining the function of artworks and teaching that art is an expression of the social and cultural values of an artist or their patron at a specific period in history. Students will build their knowledge of how aesthetic principles have transformed in Western society as a result of political and social change and interactions with non-Western cultures. Quiz questions and writing assignments will assess students' knowledge of this intersection between art and social and cultural change in specific time periods, including the present-day
- **ARTS 1304 Art History II**
A comprehensive examination of the major artistic and architectural achievements of western civilization from the Renaissance to the present. Lectures in this class will reinforce social responsibility by examining the function of artworks and teaching that art is an expression of the social and cultural values of an artist or their patron at a specific period in history

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- **ARTS 3334 Photography as an Art Form**
Advanced photography as a means of personal expression. Emphasis on black and white processes. Students must provide their own 35mm camera. Social Responsibility: We will have an ongoing, and thorough, discussion about the ethics of representation in the photographic arts and you will learn to consider your social responsibility while engaging with people and cultures within your works of art.
- **ARTS 3350 Pre-Hisp Mesoam Art & Archctre**
An in-depth survey of Mesoamerican art and architecture from the Olmecs to the Maya and the Aztecs, emphasizing masterpieces of high aesthetic quality.
- **ARTS 3353 Italian Renaissance, 1415-1595**
The major artists and the development of Classicism and Neoplatonism.
- **ARTS 3357 S Am Viceregal Art & Archctre**
ZERO-COST COURSE: All materials for this course, including textbooks and any software/courseware, will be available at no cost to the student.
- **ARTS 3382 Art Ed: Issues & Practice**
This class is designed to show the students, on a practical level, how to teach in the public school setting. The students will be responsible for implementing their own curriculum, syllabi, and lesson plans by using a wide array of resources.
- **ARTS 4353 Hist of Photography**
The history of photography as an art form from its inception under Talbot, Niepce, and Daguerre to the present. Special emphasis on Mexico, Latin America, and the Borderlands. Acquisition of a demonstrable level of understanding of the social, economic and cultural importance of photography for contemporary life. The importance and impact of photography on memory and social identity.
- **ARTS 4356 Modern Art of S Am & Carib**
An in-depth survey of South American and Caribbean art from the 1816 founding of the Brazilian Academy through the present. Most emphasis will be on the nations of Argentina, Brazil, Colombia, Cuba, Uruguay, and Venezuela. An objective of the course is to examine how the visual arts functions as part of the process of formation of the national identities of the 21 countries studied in the course. This is especially needed in light of the fragmented nature of the concepts of Latin America, South America and Caribe, considering the larger political, economic, and cultural differences existing between their constituting parts.
- **ARTS 1301 Art Appreciation**
Course Description: A general introduction to the visual arts designed to create an appreciation of the vocabulary, media techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts.



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