

**4250. Development of Anthropological Thought.** 3 hours. An overview of the history of anthropological thought from its origins to the contemporary schools of anthropology, with emphasis on the scientific, intellectual and sociopolitical causes and consequences of changes in major conceptual orientations to man and culture. Prerequisite(s): ANTH 1010 or 2250, or consent of department.

**4400. Environmental Anthropology.** 3 hours. Emphasis on theory, major environmental questions, problems, issues, and possible solutions illustrated by case studies from different parts of the world. Examination of environmental issues pertaining to land/sea and natural resources, food production systems, deforestation, population problems, poverty and environmental justice, natural hazards and risks, resource conflicts and warfare, over-fishing, economic development, globalization and transnationalism, mineral and oil extraction, landscapes, biodiversity conservation, the commons, ecofeminism, and valuation of nature. Course goals are to provide a global sample of the literature in environmental anthropology; a survey of concepts, issues, theories, methods and practices in environmental anthropology; and an in-depth acquaintance with a particular topic in environmental anthropology through an individual research project. Prerequisite(s): consent of instructor.

**4600. Topics in Physical Anthropology.** 3 hours. Selected topics of interest and significance in physical anthropology, such as human osteology and primate behavior, are covered during different terms/semesters. Prerequisite(s): ANTH 1010 or equivalent, or consent of department. May be repeated for credit as topics vary.

**4610. Topics in Sociocultural Anthropology.** 3 hours. Selected topics of interest and significance in sociocultural anthropology, offered at different times, include education and anthropology, urban anthropology, anthropology of art, anthropology of warfare and conflict, and cultural ecology. Prerequisite(s): ANTH 1010 or 2250, or consent of department. May be repeated for credit as topics vary.

**4620. Topics in Archaeology.** 3 hours. Selected topics of interest and significance in archaeology, such as historic archaeology, Texas archaeology, New World archaeology, Old World archaeology and Mesoamerican archaeology, are covered during different terms/semesters. Prerequisite(s): ANTH/ARCH 2500 or consent of department. May be repeated for credit as topics vary. (Same as ARCH 4620.)

**4700. Magic, Witchcraft and Religion.** 3 hours. Anthropological approaches to the study of cultural beliefs in the supernatural, including religions, myth, ritual, totemism, magic and shamanism. Examination of the role of the supernatural in culture. Prerequisite(s): ANTH 1010 or consent of department.

**4750. Culture Change.** 3 hours. Examines cultural change on the broad level of human evolution and the more specific level of directed change. Emphasis is placed on gaining an understanding of the interactional and multicultural aspects of directed culture change in all human groups. Prerequisite(s): ANTH 1010 or consent of department.

**4800. Anthropological Field Methods.** 3 hours. Course concentrates on the field methods of anthropology, in particular, the various data gathering techniques, methods of analysis and field techniques of "participant observation." In addition to acquiring the skills of the participant observation method, the student also gains an increased awareness, understanding and appreciation of the problems associated with conducting research in cultures other than their own. Special attention is devoted to the interactional

aspects of dealing with people from a variety of cultural backgrounds. Prerequisite(s): ANTH 1010 or 2250 or consent of department.

**4810. Archaeological Field School.** 6 hours. Comprehensive training in site survey, excavation techniques, laboratory processing, restoration and analysis of archaeological materials through direct participation in an archaeological field project. Prerequisite(s): ANTH/ARCH 2500 or consent of department. Held off campus; room and board fees may be required. Usually offered only during the summer months and based on the availability of field projects. This course is taught in cooperation with the Institute of Applied Sciences. (Same as ARCH 4810.)

**4900-4910. Special Problems.** 1-3 hours each.

**4920. Cooperative Education in Anthropology.** 1-3 hours. Supervised work in a job directly related to the student's major, professional field of study or career objective. Prerequisite(s): 12 hours credit in anthropology; student must meet the employer's requirements and have consent of the institute director. May be repeated for credit.

**4951. Honors College Capstone Thesis.** 3 hours. Major research project prepared by the student under the supervision of a faculty member and presented in standard thesis format. An oral defense is required of each student for successful completion of the thesis. Prerequisite(s): completion of at least 6 hours in honors courses; completion of at least 12 hours in the major department in which the thesis is prepared; approval of the department chair and the dean of the school or college in which the thesis is prepared; approval of the dean of the Honors College. May be substituted for HNRS 4000.

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## Applied Economics

### *Applied Economics, AECO*

**4000. Mediation.** 3 hours. Develops mediator competence. Defines and examines the process of mediation. Covers the history and development of mediation and introduces theories of conflict management. Reviews diverse settings of mediation, such as domestic, commercial, non-profit, employment and institutional environments. Significant legal, ethical, professional, cultural and gender considerations are explored. Students participate in mediation exercises and simulations. Required for interdisciplinary minor in alternative dispute resolution.

**4010. Family Mediation.** 3 hours. Provides mediators with advanced practical skills and clear theoretical understanding of family mediation, with particular emphasis on divorce and child custody issues. Meets statutory requirements of Texas and many other states for mediators of disputes relating to the parent-child relationship. Prerequisite(s): AECO 4000.

**4020. Dispute Resolution in the Workplace.** 3 hours. Review of alternative dispute resolution (ADR) to address sources of conflict in the workplace. Examines procedures and benefits of arbitration, mediation, ombudspersons, minitrials, neutral fact-finding and other alternatives to litigation-based conflict resolution. Trends in use and ethical/professional considerations are considered.

**4030. Dispute Resolution in a Global Workplace.** 3 hours. Explores the relationship of trade-based and work-based conflict with special focus on alternative dispute resolution practices. Examines dispute resolution options available in trade agreements and their implications for workplace and trade. Students learn the benefits and limitations of workplace conflict resolution practices in an environment with multiple layers of world trade.

**4040. Crisis Intervention.** 3 hours. Provides overview of crisis intervention from the perspectives of a host of intervention organizations and professionals. Reviews the tactics, techniques, behaviors, emotions and motivations of those who intervene or negotiate in crisis situations as well as those of persons who precipitate such actions and their victims. Students are introduced to professionals who negotiate interventions in suicide, workplace and domestic conflict situations. Review of existing research and practices about such interventions.

**4080. Principles of Economic and Community Development.** 3 hours. Presents a broad, interdisciplinary perspective on the local and regional economic development process. Topics include economic base analysis, industrial targeting and recruitment, tax incentives and economic impact analysis.

**4090. The Political Economy of Texas.** 3 hours. Interdisciplinary survey of the demographic, political and economic forces influencing Texas' emergence as a modern industrial state. Topics include Texas' fiscal and regulatory environments, human capital needs, and relationship with the federal government.

**4120. Negotiation and Dispute Resolution.** 3 hours. Introduces the fundamentals of nonlitigation strategies for a variety of business, professional and personal settings. Learning and skills are developed through lecture, role playing, out-of-class assignments, case studies and negotiation simulations. Required for interdisciplinary minor in alternative dispute resolution.

**4230. Introduction to Research in the Social Sciences.** 3 hours. Introduction to research used in the social sciences. Tools and techniques of data gathering. Approaches include qualitative and quantitative methods. Focus on understanding the basics of research design and developing student abilities to critically evaluate research reports in journals, professional reports and the mass media.

**4420. Practicum in Mediation and Dispute Resolution.** 3 hours. Provides opportunity for students to round out their education in dispute resolution through participation in numerous exercises, simulations and actual mediations and/or other forms of alternative dispute resolution. Prerequisite(s): AECO 4000. Required for interdisciplinary minor in alternative dispute resolution.

**4450. Arbitration Basics.** 3 hours. Essential characteristics, concepts and practices of arbitration. Examines basic functions and duties of arbitrators, parties in arbitration hearings and party representatives. Covers arbitration ethics and practices in international, commercial, labor/employment, financial services, real estate, and other industries, sectors, and socioeconomic settings.

**4900-4910. Special Problems.** 1–3 hours each. Special problems and research in economic development or regional/sectoral analysis. Registration permitted only upon approval of instructor.

**4920. Cooperative Education in Economic Development or Regional/Sectoral Analysis.** 1–3 hours. Supervised work in a job directly related to the student's major, professional field of study or career objective. Prerequisite(s): at least 6 hours of credit in economic development or regional/sectoral analysis courses; student must meet employer's requirements and have consent of the institute director. May be repeated for credit.

## Applied General Music

see Music

## Applied Gerontology

### Applied Gerontology, AGER

**2000. Global Aging and Individual Aging.** 3 hours. Introduction to gerontology as an interdisciplinary field of study, a field that includes important psychological, social, economic and demographic dimensions and forces that are altering the life of individuals and the operation of various societies. Brief examination of biological, psychological, social, and economic factors and dimensions that make up the aging experiences of individuals as well as how the "aging population" affects the way we organize our various societies. Public policy issues are the focus of each class to show the relevance of the basic science material presented in the course.

**2250. Images of Aging in Film and Literature.** 3 hours. Study of attitudes toward aging through depictions of the elderly in English-language films and literary works. A major goal of the course is to replace stereotypical views of the elderly with an understanding of the variety of human experience in the last decades of life. *Satisfies the Humanities requirement of the University Core Curriculum.*

**3480. Psychology of Adult Development and Aging.** 3 hours. Personality, cognitive, social and sensory-perceptual aspects of development from early adulthood through death. Emphasis is on the development of a comprehensive understanding of the adult portion of the life span. (Same as PSYC 3480.)

**4020. Psychology of Death and Dying.** 3 hours. Concepts and attitudes concerning death and dying from a psychological perspective; current research on death and dying; development of insights and understanding to prepare the student to interact effectively with people who are terminally ill and their family members. Prerequisite(s): advanced standing and consent of department. (Same as PSYC 4020.)

**4060. Therapeutic Activity Intervention and Aging.** 3 hours. Develops an awareness of the physiological, psychological, economic and sociological processes of aging that affect recreation and leisure behavior and involvement patterns. Emphasis is on age-related illness, disease, and disability and therapeutic activity intervention. Prerequisite(s): AGER/SOCI 4550 or equivalent recommended. (Same as RECR 4060.)

**4250. Topics in Gerontology.** 1–3 hours. In-depth analysis and discussion of selected significant subjects in aging. May be repeated for credit as topics vary.

**4450. The Family in Later Life.** 3 hours. Later stages in the family life cycle are surveyed with emphasis on changing family composition, role transitions and support systems. Prerequisite(s): SOCI 1510 or equivalent. (Same as SOCI 4450.)

**4500. Long-Term Care Case Management with Older Adults.** 3 hours. This practitioner-oriented course focuses on the foundations of case/care management and the care management process as practiced with impaired elderly clients and their family caregivers. Topics include older client intake and assessment, establishing goals and a plan of care, coordinating and linking services and resources, and managing and monitoring care. Situations commonly encountered with at-risk elders are examined using protocols.