
Applied Economics

Applied Economics, AECO

The following courses usually are offered by faculty members in the Institute of Applied Economics. Additional courses in other departments and colleges may be included in a student's degree plan upon recommendation of the advisor and consent of the dean of the School of Graduate Studies.

5010. Interdisciplinary Seminar. 1–6 hours.

5050. Seminar in Contemporary Applied Economic Problems. 3 hours. Analysis and discussion of significant contemporary issues in economics and public policy. May be repeated for credit.

5870. Research Methods. 3 hours. Research methodology for business and the social sciences. Topics include research design; techniques of exploratory data analysis; measures of association; a survey of multivariate factor, discriminant and clustering procedures; and an introduction to linear regression analysis. Prerequisite(s): 3 hours of college statistics or consent of instructor. Offered fall term/semester only.

5880. Multivariate Regression Analysis. 3 hours. Application of multivariate regression analysis to issues in business and the social sciences. Topics include estimation and analysis of linear models under ideal and non-ideal conditions, instrumental variables estimation and estimation of models with limited dependent variables. Emphasis is placed upon the application of computer technology to practical problems in forecasting and policy analysis. Prerequisite(s): 3 hours of college statistics or consent of instructor.

5900-5910. Special Problems. 1–3 hours each. Open to advanced students capable of doing independent research in economic education, and labor and industrial relations under the direction of the instructor.

5920-5930. Research Problems in Lieu of Thesis. 6 hours each. Research methods emphasizing the philosophy of science, basic statistical methods and basic research design; preparation of a number of research proposals reflecting alternative research designs and alternative statistical methodologies and a mini-thesis with emphasis on empirical studies. Required of all Master of Science candidates.

5950. Master's Thesis. 3 or 6 hours. To be scheduled only with consent of department. 6 hours credit required. No credit assigned until thesis has been completed and filed with the graduate dean. Continuous enrollment required once work on thesis has begun. May be repeated for credit.

Applied General Music

see Music

Applied Gerontology

Applied Gerontology, AGER

5200. Seminar on Research Methods and Design. 1–3 hours. Focuses on policy research and its implications for programs in aging and on techniques of evaluation of programs for the elderly.

5250. Topics in Gerontology. 1–3 hours. In-depth analysis and discussion of significant subjects in aging. May be repeated for credit as topics vary.

5300. Computer Applications in Long-Term Care and Community-Based Services for the Aging. 4 hours. Overview of entire subject of small computers, including terminology, how computers work and capabilities of computers; effective application of computers in the field of aging, including laboratory experience with hardware and software commonly used by professionals delivering health and social services to the aged.

5350. Basic Mediation Skills in Aging. 3 hours. This course, which utilizes negotiation and mediation principles and techniques, meets the dispute resolution training needs of individuals serving the elderly and their families. Included are such professionals as social workers, counselors, discharge planners, home health administrators, care managers, nursing home staff, adult protective service workers, ombudsmen, health and human services staff, and anyone else contracted to serve the elderly and their family members.

5400. Health Delivery Systems. 3 hours. A cross-cultural overview of health delivery systems followed by an extensive consideration of all aspects of the health delivery system in the United States; government and private sector involvement in delivery of health services to the aged is emphasized. (Same as SOCI 5400.)

5420. Introduction to Health Services Research. 3 hours. Survey of the history of the development of the field of health services research; the interdisciplinary contributions of the disciplines of sociology, economics, anthropology, gerontology, political science and public health to the field; and the use of survey research to collect information on health status and health services utilization. (Same as ANTH 5220.)

5500. Retirement and Retirement Preparation. 1–3 hours. Investigation of retirement as a social institution with emphasis upon the implications for the individual and society. Includes rationale, content and methods involved in retirement planning programs.

5560. Seminar on Minority Aging. 3 hours. An examination of the current state of gerontological knowledge with regard to each of the federally designated minority groups in the United States: African-Americans, Asians/Pacific Islanders, Hispanics and Native Americans. Each student will have the opportunity to explore the state of knowledge about a particular group or a research issue across populations.

5600. Housing for the Elderly: Planning, Public Policy and Research. 1–3 hours. Theoretical, research and practical literature concerning housing alternatives is considered. Emphasis is on the four housing development stages: need assessment, financing, physical design and management of a housing site; and how theory, research and public policy relate to each of these issues.

5700. Social Gerontology. 1–3 hours. Demographic, social and cultural aspects of aging, with particular emphasis upon American society and the types of problems encountered by older people. May be repeated for credit as topics vary. (Same as SOCI 5700.)

5710. Health Aspects of Human Aging. 1–3 hours. Examination of general and cellular theories of aging and general age-related changes in various body systems. Issues covered include myths and facts about physical health and aging, normal age-related changes and common chronic illnesses associated with old age. Students will become familiar with medical terminology to facilitate effective communication with health care professionals who work with the elderly in both institutional and community settings.

5740. Financial Issues in Aging Administration. 3 hours. Addresses the need of the administrator/manager who is not a financial expert to understand, identify and experience some applications of practical information related to financial/management issues in residential and community-based programs for the elderly.

5750. Processes of Aging. 1–3 hours. Advanced seminar in social gerontology with emphasis upon psychosocial changes associated with aging.

5770. Program Evaluation in Aging Services. 3 hours. This seminar is designed to provide students with the basic skills and perspectives required to undertake evaluations of health and social programs for the aged, and to assess the merits of program evaluations conducted by others. Emphasis is placed on the unique service needs of older persons; the distinctive character of the facilities, agencies and programs that serve them; and special challenges faced by those who attempt to assess the benefits of such efforts.

5780. Federal, State and Local Programs in Aging. 1–3 hours. History of social policy in aging; derivations and directions of public policy, interrelationships of agencies; discussion of selected programs and services for the aged.

5790. Needs Assessment, Program Planning and Evaluation in the Services for the Elderly. 3 hours. Principles, techniques and skills used to identify the needs of elders at the community level and to design and evaluate programs individually tailored to meet those needs in such areas as access, health, nutrition, housing, income maintenance, employment, personal support, and training and education.

5800. Grant Proposal Writing for Aging Services. 1–3 hours. Today's health, social and housing programs for older persons are rarely self-supporting. Government funding, insurance payments and client fees cover only a portion of the cost of delivering needed services. As a result, a program's success depends on its ability to secure other types of income. This course provides the skills needed to conceive, prepare and submit successful proposals for external funding of innovative human service projects for the elderly. As part of the course, each student will develop a proposal designed to help a community program respond to a specific problem facing the aged.

5810. Seminar on Administration of Programs in Aging. 3 hours. Management of residential and community-based programs for the elderly, focusing on employment and personnel issues; provision and oversight of services to clients; government regulation; marketing and fundraising; relations with families, volunteers and the public; and other topics pertinent to the administration of these programs.

5840. Internship in Administration of Programs in Aging. 3 hours. Five-hundred-clock-hour practicum in approved agency serving the aged. Credit awarded only upon completion of internship. Pass/no pass only.

5850. Internship in Administration of Programs in Aging. 3 hours. Five-hundred-clock-hour practicum in approved agency serving the aged. Credit awarded only upon completion of internship. Pass/no pass only.

5860. Seminar on the Psychology of Aging. 1–3 hours. Theoretical and research literature concerned with the psychological aspects of aging. Age-related changes in physical, perceptual and cognitive processes are considered with regard to their effects on the occupational, social and personal adjustments and motivations of the aging adult. (Same as PSYC 5860.)

5880. Ethical Issues in an Aging Society. 3 hours. An exploration of the moral, ethical and legal issues that population aging poses at the individual, family, service provider and societal levels. Illustrative topics include the elderly's access to health care, self-determination and advance directives in old age, and filial responsibility to aging parents.

5890. Psychological Counseling for Late Maturity and Old Age. 1–3 hours. Study of the predictable and normal dependencies of aging; techniques of individual, family and group counseling applied to later life with emphasis on problems of retirement, health and bereavement. (Same as PSYC 5890.)

5900-5910. Special Problems. 1–3 hours each. Individual study assigned with consent of major professor and instructor.

5940. Proseminar on Applications in Practice. 3 hours. The focus of this capstone seminar is the application of gerontological theory to practice issues in the field of aging. Students demonstrate their ability to apply theory to practice through class discussion and the submission of a major written project. Continuous enrollment required once work on project has begun.

5960-5970. Studies in Aging Institute. 1–3 hours each. Scheduled regularly for participants in institutes. May be repeated for credit. No more than 6 hours allowed for regular students.

6150. Theories of Aging. 3 hours. An intensive analysis of the theories of aging that have been advanced by researchers in the social and behavioral sciences from 1950 to the present. Prerequisite(s): a minimum of 12 hours in gerontology, including AGER 4550 or 5700, or equivalent.

6500. Regulatory Strategies. 3 hours. Introduction to current issues and strategies in the regulation of health care service delivery and other benefits to older Americans; development of a general awareness of the intended and unintended impacts of regulations governing benefits to older adults and their families. Prerequisite(s): admission to the doctoral program in applied gerontology, or consent of instructor.

6700. Formal Organization of Aging Services. 3 hours. Provides students with an understanding of the nature, structure and functioning of large-scale organizations in the field of aging. Rational and conflict models from the social and managerial sciences are used to analyze the creation, operation, growth, transformation and decline of governmental agencies, and for-profit and not-for-profit service providers, including federal institutes, regulatory agencies, advocacy organizations, foundations, long-term care facilities and companies, home care programs and continuing care retirement communities. Prerequisite(s): admission to the doctoral program in applied gerontology, or consent of instructor.

6750. Global Perspectives on the Future of Aging. 3 hours. The growing proportion of older persons worldwide, in both high-income and low-income societies, is redefining what it means to be old, the relationship between young and old, and the place of the aged in society. Our expectations about what older people can and should expect from society and, in turn, what society may expect from them, are changing. These changes are evident in the institutions of work, family, education and politics. This course explores current trends in individual and population aging and their implications for future societies in which even larger numbers of individuals will live to an even more advanced age. Prerequisite(s): admission to the doctoral program in applied gerontology, or consent of instructor.

6770. Program Evaluation in Aging Services. 3 hours. Methods of evaluation in aging services, emphasizing the special issues associated with defining, measuring and determining program impacts for older patients and clients. Evaluation techniques and examples drawn from the aging services network encompass needs assessment, setting objectives, selecting and implementing programs and interventions, determining program outcomes and making recommendations for improved program functioning. Each student is involved in evaluating a program in the field of aging. Prerequisite(s): admission to the doctoral program in applied gerontology, or consent of instructor.

6800. Social Policy and Aging. 3 hours. Examination of the impact of public policies related to an aging society in the U.S. as well as in other nations. Policies related to income security, support services, access to health care, institutional services and housing access are reviewed. Prerequisite(s): admission to the doctoral program in applied gerontology or related doctoral program.

6840. Practicum in Applied Gerontology. 1–6 hours. Field experience in an agency or facility servicing the aging population or dealing with aging issues, allowing the doctoral candidate to contribute to program operation or the formulation of policy through the conduct of systematic inquiry.

6850. Special Topics in Applied Gerontology. 3 hours. Organized classes specially designed to accommodate needs of students and the demands of program development that are not met by regular offerings. Prerequisite(s): consent of department. Limited-offering basis; may be repeated for credit.

6900-6910. Special Problems. 1–9 hours each. Research by doctoral students in a field of special interest. Includes projects, research studies and intensive reading programs.

6950. Doctoral Dissertation. 3–9 hours. Twelve credit hours required. No credit assigned until dissertation has been completed and filed with the graduate dean. Doctoral students must maintain continuous enrollment in this course subsequent to passing the qualifying examination for admission to candidacy. May be repeated for credit.

Applied Gerontology, Related Courses

The following courses are taught in related departments:

ACCT 5020. Accumulation and Analysis of Accounting Data. 1.5 hours. Provides an understanding of accounting procedures and concepts utilized by management in making decisions. Basic concepts and techniques of accounting; the role of an accounting system in business operations management; preparation and interpretation of financial reports. Meets the deficiency requirement in accounting for MBA candidates and may be counted as part of a graduate program in a field other than business administration. Prerequisite(s): may not be taken for credit if ACCT 2010 and 2020 or the equivalent have been taken and a grade of C or better was earned.

BLAW 5050. Legal, Regulatory and Ethical Environment of Business. 1.5 hours. Introduction to the legal environment of business, with particular emphasis on managerial decision-making. Includes a study of the litigation process and constitutional law; selected areas of private and public law, including government regulation; international dimensions of the legal environment of business, business ethics and the social responsibility of business organizations. Business context is emphasized with a focus on individual and managerial decision-making in response to legal and ethical issues.

Applied Private Music

see Music

Applied Technology, Training and Development

see Learning Technologies

Arabic

see *Undergraduate Catalog*

Archaeology

see Geography

Art

see Art Education and Art History

see Design

see Studio Art

see Visual Arts and Design