

**5900-5910. Directed Study.** 3 hours each. Topic chosen by the student and developed through meetings and activities under the direction of the instructor; activities include required, regular participation in a specified 4000-level class. Prerequisite(s): approved applications for special problems/independent research/dissertation credit must be submitted to the COBA Graduate Advising Office prior to registration.

**6010. Seminar on Advanced Topics in Accounting Research.** 3 hours. Covers one or more special fields. Topics covered in this course depend on the needs of the students enrolled each term/semester. Prerequisite(s): consent of department.

**6190. Seminar on Theory Development and Theory Formulation.** 3 hours. Explores theory formulation and development in disciplines related to accounting; evaluates the ontological, epistemological and methodological structure of contemporary accounting research and critically examines the adequacy of contemporary research from a historical perspective. Prerequisite(s): doctoral status and consent of instructor.

**6290. Seminar on Behavioral Research in Accounting.** 3 hours. Critically examines behavioral theories as well as methods and their application to accounting research. The course draws on cognitive psychology and accounting literature. Prerequisite(s): doctoral status and consent of instructor.

**6900-6910. Special Problems.** 1–3 hours each. Research by doctoral students in fields of special interest. Includes project research studies and intensive reading programs, accompanied by conferences with professors in fields involved. Prerequisite(s): approved applications for special problems/independent research/dissertation credit must be submitted to the COBA Graduate Advising Office prior to registration.

**6940. Individual Research.** 1-12 hours. Individual research for the doctoral candidate. Prerequisite(s): approved applications for special problems/independent research/dissertation credit must be submitted to the COBA Graduate Advising Office prior to registration.

**6950. Doctoral Dissertation.** 3, 6 or 9 hours. To be scheduled only with consent of department. 12 hours credit 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 qualifying examination for admission to candidacy. May be repeated for credit. Prerequisite(s): approved applications for special problems/independent research/dissertation credit must be submitted to the COBA Graduate Advising Office prior to registration.

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## Aerospace Studies

see *Undergraduate Catalog*

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## Anthropology

### **Anthropology, ANTH**

**5010. Anthropological Thought and Praxis I.** 3 hours. Considers the history of anthropological concepts, the major historical debates in anthropological theory and historical tensions between applied and theoretical knowledge. Special emphasis is given to critical examination of concept and theory formation and the application of anthropological ideas to the problems of everyday life. Prerequisite(s): ANTH 5200 if no anthropology degree.

**5015. Anthropological Thought and Praxis II.** 3 hours. Considers contemporary anthropological concepts and theories and the major debates that have been produced by them. Special emphasis is given to the most recent tensions and debates on the relationships between theoretical and applied knowledge. Specific attention is paid to the relationships between social theory and social policy formation. Prerequisite(s): ANTH 5010.

**5020. Quantitative Methods in Anthropology.** 3 hours. Basic principles and techniques of research design, sampling, and elicitation for collecting and comprehending quantitative behavioral data. Procedures for data analysis and evaluation are reviewed, and students get hands-on experience with SPSS in order to practice organization, summarizing, and presenting data. The goal is to develop a base of quantitative and statistical literacy for practical application across the social sciences, in the academy and the world beyond.

**5030. Medical Anthropology.** 3 hours. This course presents perspectives in contemporary medical anthropology, with a focus on the biocultural basis of health and sociocultural variations in illness and healing (ethnomedicine). It includes study of comparative health systems, political-economic and ethical issues in health and care, health professions and patients' views of illness.

**5040. Ethnographic and Qualitative Methods.** 3 hours. Focuses on ethnographic and qualitative methods and the development of the skills necessary for the practice of anthropology. Special emphasis is given to qualitative techniques of data collection and analysis, grant writing, the use of computers to analyze qualitative data and ethical problems in conducting qualitative research.

**5060. Pre-Practicum: Problems and Cases in Applied Anthropology.** 3 hours. Examines case studies and specific problems in applied anthropology, and guides students in preparing for the practicum. Students are exposed to the practice of anthropology in a variety of settings, such as health, business, development, education, environment, crime, ethnic and race relations, and social policy. The class includes case study readings and guest speakers to help students discover the range of what applied anthropologists do, and to help focus their own interests. In addition, students learn how to identify potential agencies as practicum sites, how to approach them and how to develop a practicum proposal.

**5070. Urban Ethnic Cultures.** 3 hours. Course examines how ethnic identity is experienced and articulated in the urban context, historically and contemporarily. Comprehension of the fundamental dynamics that influence the development and maintenance of ethnic cultures in cities, drawing on key concepts from anthropology and urban studies. General overview of how ethnic and racial relations are socially structured in the United States, followed by an examination of some of the symbolic materials and mediums through which people express a sense of ethnic identity and belonging – music, dress, dance and stories. Consideration of how these expressive cultures unfold in urban settings, both shaped by and reconstituting city life in this country.

**5200. Seminar in Cultural Anthropology.** 3 hours. A survey of anthropological attempts to understand and explain the similarities and differences in culture and human behavior.

**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.

**5610. Topics in Sociocultural Anthropology.** 3 hours. Cross-cultural and ethnographic investigation, analysis and discussion of a significant, contemporary topic of interest to students in various graduate programs. May be repeated for credit as topics vary.

**5620. Anthropology of Education.** 3 hours. Examines issues and approaches relevant to the study of education within the field of anthropology. Provides an introduction to anthropological concepts and anthropological methods used in the study of education and schooling. Includes an examination of the relation between anthropology and education as it pertains to cultural transmission. In addition, it looks at cultural difference, minority status, and educational outcomes. It also highlights current perspectives and critiques relevant to educational “problems” and emerging solutions derived from an anthropological perspective of education.

**5800. Applying Anthropology: Practicum I.** 3 hours. Provides experiential learning in applied anthropology through placement in business, government, community, and social service organizations and agencies. Students design and implement an applied anthropology project under the supervision of a faculty member. This 96-hour (minimum) placement is planned in cooperation with the student to meet specialized career goals. The student should accomplish as many hours as possible during Practicum I; hours can be finished under Practicum II. Prerequisite(s): ANTH 5010, 5015, 5020, 5040 and 5060.

**5810. Applying Anthropology: Practicum II.** 3 hours. Provides experiential learning in applied anthropology through placement in business, government, community, and social service organizations and agencies. A continuation of Practicum I. Students finish up any remaining research, deliver their findings to the client, and prepare a written report and a verbal presentation for the department of anthropology. Prerequisite(s): ANTH 5010, 5015, 5020, 5040, 5060 and 5800.

**5900-5910. Special Problems.** 1–3 hours each.

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## 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 adviser 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.

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## Applied General Music

see Music

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## 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.)