

# SPRING 2022 INTERDISCIPLINARY COURSES:

## Research Methods

Course	Time/Location	Description
APK6412: Sports and Exercise Psychology Ethics	Tues, 8-10:35AM STB 3305	This course consists of in-depth elaboration on current important professional issues related to ethics in sport and exercise psychology. The issues presented and discussed in class consist of book chapters, the American Psychological Association (APA) and the Association of Applied Sport Psychology (AASP) Codes of Ethics publications.
EDF 5400: Basic Descriptive and Inferential Online Statistics Applications	Online & F2F Mon & Wed, 10:40AM-12:20 PM STB 3203	This course prepares students to both read and write papers containing basic statistical analyses. Topics covered include descriptive statistics, basic plots and graphing, hypothesis testing, confidence intervals, correlational techniques, and introduction to the general linear model.
EDF5401: General Linear Model Applications	Tues & Thurs, 9:45-11:25AM STB 3301	In this course, topics included are general linear model applications including multiple regression, ANOVA, ANCOVA, aptitude-treatment-interaction analysis, and other techniques.
EDF 5402: Advanced Topics in Analysis of Variance Applications	Online	This course explores topics such as multiway ANOVA, covariance, repeated measures designs, nested designs, and generalizability theory.
EDF 5406: Multivariate Analysis Applications	Online	This course examines design and analysis of research studies with multiple independent and dependent variables including path analysis, confirmatory factor analysis, and exploratory factor analysis.
EDF 5434: Measurement Theory II	Mon & Wed, 3:05-4:20PM STB 2210	This is an advanced course in the theory, principles, and techniques of measurement.
EDF 5449: Survey Research Methods	Online	This course introduces the design, use, and analysis of questionnaires for data collection; significant research questions and strengths and weaknesses of various methodologies are discussed. Hands-on practice in questionnaire design.
EDF 5481: Methods of Education Research	Online & F2F Tues, 3:05-5:35PM STB 3305	This course is a survey of selected types of educational research and appropriate related techniques; emphasis on criteria of validity.
EDF5916: Research Proposal Writing	Online	This course provides the opportunity to develop a written research proposal (including literature review) and to select and specify the appropriate research design and data collection methods to answer one's research questions.
EDF 6475: Qualitative Methods in Educational Research	Mon, 3:05-5:35PM STB G158 Tues, 6:35-9:05PM STB G103	This course is an introduction to methods of data collection: qualitative, participant observation, and ethnographic interviews. Attention to strengths and shortcomings for use in educational research and evaluation.
EDF6937: Seminar in Advanced Research Problems	<i>See Class Search for Offerings</i>	This course may be repeated to a maximum of fifteen semester hours. The course is designed for advanced students.

# FALL 2022 INTERDISCIPLINARY COURSES:

## Research Methods

Course	Time/Location	Description
EDF 7418: Multilevel Modeling	Tues & Thurs, 1:20-2:35PM STB 3203	This course provides an introduction to multilevel models. Through this course, students learn about a variety of multilevel or hierarchical models appropriate for a broad range of applications. Topics discussed within the context of each multilevel model include hypothesis testing, evaluation of model fit, and computer packages that can be used to estimate the various multilevel models.
EDF 7489: Meta-Analysis	Mon, 10:40AM-1:10PM Room TBD	This course covers conceptual issues and analysis methods relevant to research reviews and quantitative synthesis methods. Students are introduced to the issues and controversies in the area of research synthesis and to a set of quantitative procedures for summarizing sets of related studies.
EDG 6363: Practicum in Experimental Learning Research	Online & F2F Mon, 9:20-11:30AM STB G150	This course provides instruction and practice in planning, conducting, and describing (both orally and in writing) experimental research.
EDH 5055: Introduction to Institutional Research	Online	This course provides an introduction to institutional research as a discipline in higher education. Course content is addressed within the context of organizational, administrative, political and ethical issues in institutional research. Practical experience with research databases and insights from current practitioners in the field are integrated into the course content.
EDH 6040: Research on College Students	Online	This course is designed to cover major areas related to the research on college students and discuss the challenges in conducting such types of research. The first part of the course reviews the major theories and conceptual frameworks related to college students, from transition to, experience in, and outcomes of college. The second part discusses methodological issues and other challenges in conducting research on college students.
EME 6476: Internet Based Inquiry	<i>See Class Search for Offerings</i>	This course focuses on two key issues related to the Internet and research: (1) Conducting research on online settings and (2) Using Internet-based tools to support data collection and analysis.
SPM 6746: Qualitative Inquiry in Sport and Physical Culture	Tues, 1:20-4:20PM TUL 2014	This seminar introduces students to theories, methods and philosophies of qualitative inquiry in sport and physical culture, including cultural studies, ethnography, narrative inquiry, researcher subjectivity, and the politics of evidence. Students develop an in-depth understanding of the art and practice of interpretation as it relates to qualitative approaches to research in sport management and related fields.