

EDBA - EXECUTIVE DOCTOR OF BUSINESS ADMINISTRATION (EDBA)

EDBA 800. Discovering Applied Research. (3 Credits)

A graduate-level Research Methods course that introduces experienced business professionals to Social Science Academic Research. Students read and discuss academic literature, including seminal articles, to formulate an understanding of empirical research studies: the research process, academic writing, and interpreting results and findings. Students also learn to effectively use research databases, institutional review, legality, and ethics in research, and the peer-review publication process.

EDBA 805. Project Management for Applied Research. (1 Credit)

A graduate-level Special Topics course designed for experienced business professionals to explore best practices in project management with particular application to managing the research process. Students review traditional project management frameworks and discuss their application to the research process. Students will formulate a project management plan to manage their doctoral experience and dissertation process using traditional and emerging project management tools.

EDBA 810. Exploring Statistical Relationships in Business. (3 Credits)

A graduate-level Statistical Analysis course in which students learn and apply fundamental statistical methods using real-world data to address economic and business questions and draw inferences about relationships between variables in the population at large. Students learn techniques to analyze relationships with one random variable and then the relationship between two or more random variables. Ordinary least squares (OLS) regression is the most basic and most widely used way to summarize relationships in a sample of data between a dependent, or explained, variable and one or more independent, or explanatory, variables.

EDBA 811. Engaging with Applied Statistics Lab. (1 Credit)

A graduate-level Statistics Lab course designed to familiarize students with statistical software used in academic research. Students learn basics of statistical software including importing datasets from spreadsheets, syntax and operations, saving and managing files, and basic analytical operations used in advanced statistics courses.

EDBA 815. Prediction and Planning for Business Futures. (1 Credit)

A graduate-level Special Topics course designed for experienced business professionals to explore and engage with decision making strategies in uncertain and rapidly changing futures. Students learn and discuss the processes of strategic planning and strategic foresight tools. Topics include environmental scanning, visioning, scenario-building, forecasting, and implementation.

EDBA 820. Organizational Problem Solving; Design and Measurement. (3 Credits)

A graduate-level Research Methods course designed for experienced business professionals to frame organizational problems in the context of a scientific research study. Students learn to design a research study with consideration of operationalizing theoretical constructs and instrumentation. Topics include reliability, validity, survey design and administration, random sampling, generalizability, measurement scales, and psychometrics.

EDBA 825. Innovation System Solutions. (1 Credit)

A graduate-level Special Topics course designed for experienced business professionals to address problem-solving with a systematic approach to create, communicate, and commercializing solutions. Students learn and use an array of tools and processes including organizational leadership of innovation.

EDBA 830. Advanced Quantitative Analysis. (3 Credits)

A graduate-level Statistical Analysis course in advanced regression models, including logistic regression and 2-stage least squares. Students learn tools for applied researchers and industry professionals to categorize data accordingly via exploratory and confirmatory approaches (e.g., cluster analysis, factor analysis), and to use tangible real-world data to explore underlying theoretical constructs, e.g., structural equation modeling.

EDBA 835. Designing Technology for User Experience. (1 Credit)

A graduate-level Special Topics course designed for experienced business professionals to explore the means by which organizations can optimize the human experience with technology. As technology now encompasses virtually all aspects of the human experience, the interaction between humans and computers has become a focal point for organizations. By drawing on research from human factors, cognitive psychology, and art and design, students develop an appreciation for, and an understanding of the user experience.

EDBA 840. Advanced Qualitative Analysis. (3 Credits)

A graduate-level Statistical Analysis course in which experienced business professionals are exposed to fundamental qualitative methods for discovering, observing, and analyzing a variety of organizational phenomenon that are best studied in a qualitative fashion. Students learn and use a variety of analyses including case methods, grounded theory, action research, phenomenology, ethnography, and comparative-historical inquiry.

EDBA 845. Emerging Methodologies for Organizations. (1 Credit)

A graduate-level Special Topics course that exposes experienced business professionals to existing and emerging strategic frameworks and methodologies to address adaptive problems intrinsic to business strategy. Students encounter and engage in tenants of agile strategy such as framing appreciative questions, asset identification, leveraging assets to achieve strategic outcomes, and selecting appropriate projects to attain strategic objectives.

EDBA 855. Integrating GIS to Optimize Business Performance. (1 Credit)

A graduate-level Special Topics course designed for experienced business professionals to develop strategic competencies in linking organizational data with geographic tools and systems. This course leverages the University's expertise in applied geography and applications such as ESRI software, resource utilization, regional and organizational planning, land use analysis, and remote sensing.

EDBA 861. Becoming Data Smart. (3 Credits)

A graduate-level Seminar course designed for experienced business professionals to illustrate the power and utility of business analytics for making predictions and informed decision making. As more of our everyday life is recorded and quantified, analytics are becoming standard in a number of fields, including information technology, banking, retail marketing, and consulting. Students learn how to construct and interpret decision trees, k-nearest neighbor predictions, Bayesian networks, and cluster analyses.

EDBA 862. Creative and Innovative Thinking. (3 Credits)

A graduate-level Seminar course designed for experienced business professionals to foster creativity and an innovative approach to developing products and services. Students will read and discuss applied research findings which may inform organizations on how to develop problemsolving, algorithmic thinking, and a culture of innovation.

EDBA 863. Emerging Issues in Business. (3 Credits)

A graduate-level Seminar course designed for experienced business professionals that examines contemporary issues and trends affecting organizations from a variety of business disciplines (e.g., management, marketing, economics, finance). Students will read and discuss current research and potential applications for industry, and may discover potential research/dissertation topics.

EDBA 864. Exploring Trends in the Global Economy. (1 Credit)

A graduate-level Special Topics course designed for business professionals to broaden their perspectives of the global economy and examine recent trends and research in international business by organizations. Students may have the opportunity to engaging first-hand with global corporations by participating in a trip abroad to earn course credit.

EDBA 865. Applied Decision Making and Optimization. (2 Credits)

A graduate-level Seminar course that exposes experienced business professionals to research on decision making and illuminates methodologies for improving business decisions. Students will be introduced to the theory, methodology, and application of optimization routines, including linear programming, integer programming, and dynamic programming.

EDBA 866. Applications of Disruptive Technology. (3 Credits)

A graduate-level Seminar course that allows experienced business professionals to experience, first-hand the disruptive technology that is changing the way we all do business, e.g., AI, Machine Learning, Cybersecurity, Blockchain.

EDBA 900. Developing Applied Research Skills. (2 Credits)

A graduate level Directed Study course designed for experienced business professionals to begin working with a major professor on research that may be further developed into a dissertation topic. Students will have to opportunity to apply newly acquired skills in research while receiving feedback and guidance.

EDBA 901. Dissertation Design. (3 Credits)

A graduate-level Seminar course that allows experienced business professionals to engage with topics they are passionate about and work in groups with faculty to develop their dissertation topics. Students will begin the process of structuring their dissertation design, data collection, and statistical needs and should finish the course with a dissertation proposal and ABD status.

EDBA 902. Dissertation. (3 Credits)

Upon approval from a Dissertation Committee, graduate students in the EDBA program are required to complete no less than 12 credit hours toward an original and approved dissertation topic.