MBAC 500. Probability, Statistics, and Quantitative Methods. 0 Unit.
This 0 credit hour pass/fail course is designed to provide MBA students with all of the basic statistics and mathematics background material, as well as some experience with EXCEL and the statistics software package SPSS, that is needed in a number of their required core courses. Prereq: Full-time MBA program only.

MBAC 502. Financial Accounting. 3 Units.
This course covers financial accounting: concepts, principles, and analyses. The major emphasis is development of an understanding of accounting information and reporting to enable you to be an effective manager. Although considerable importance is placed on the evaluation, interpretation, and analysis of accounting information for decision making; the fundamentals of accounting measurement and disclosure are also covered. Prereq: Full-time MBA program only.

MBAC 503. Managerial Accounting. 1.5 Unit.
This course focuses on managerial accounting. Upon completion of the course, students should be comfortable with the following: -understanding the basics of commonly used costing methods. - creating and analyzing a budget. -analyzing departmental, divisional and corporate performance. -using data to make business decisions using managerial accounting techniques, and understanding the basic concepts of management decision analysis and the related vocabulary. Specifically, the course helps provide some answers to the following questions: -How is management accounting information prepared and reported, and how can it be understood and analyzed? -How can the analysis of management accounting and other data help management better understand the drivers of the company’s financial performance, the strengths and weaknesses of the company’s operations and management, and the risks and opportunities facing it? -How can the analysis of financial and other management information enable management to make the best decisions to address the risks and opportunities of its operations? The goal of this class is to move you from simply “doing the work and forgetting it” to helping you gain knowledge and a basic skill set that you will be able to apply to real-life opportunities. Prereq: Full-time MBA program and (MBAP 402 or MBAC 502).

MBAC 504. Corporate Finance I. 3 Units.
This is a MBA core finance course. In this course, students are introduced to the basics of corporate finance, including the objectives of and the decisions made by corporate financial managers. Topics covered include time value of money, stock and bond valuation, cost of capital, risk and return, investment decision rules, cash flows and free cash flows, cash flow projections and planning, and capital budgeting. Other topics may be covered from time to time. Prereq: Full-time MBA program only.

MBAC 505. Corporate Finance II. 1.5 Unit.
This is an MBA core finance course. The objective of the course is to strengthen students' conceptual understanding and problem-solving skills in corporate finance. Topics covered include cash flows and valuation, financial planning and ratio analysis, financing using internal and external sources including public offerings, capital budgeting and managerial options, capital structure, payout policy, working capital management, and financial planning and strategy. Topics could change from semester to semester. The course envisages use of case studies, excel spreadsheets, and simulation exercises. Prereq: MBAC 504.

MBAC 506. Marketing Management. 3 Units.
Through lecture, discussion, cases, projects and/or simulations you will learn theory and practice of how firms develop processes to understand, create and deliver "triple bottom line" value (i.e., economic, social and environmental) to business and/or consumer markets. Specifically in this course, we take the perspective that marketing is a process of creating value for firms, customers, and other stakeholders through mutually desirable exchanges. This is the foundation of a customer orientation and a central theme of market-driven management. Methods for strategic marketing planning, understanding buyer behavior, market analysis, segmentation and devising integrated marketing programs are introduced. Prereq: Full-time MBA program only.

MBAC 507. Operations and Supply Chain Management. 3 Units.
Operations and supply chain managers, ranging from supervisors to vice presidents, are concerned with the production of goods and services. More specifically, they are responsible for designing, running, controlling and improving the systems to deliver their goods or services timely and efficiently. This course is a broad-spectrum course with emphasis on techniques and information that are helpful to the practice of management in general and at any level. Through lectures, case discussions, and experiential learning in simulations and educational games, we will discuss commonly occurring application problems such as bottleneck identification, capacity planning, inventory control, bullwhip effect, supply chain design, etc. We will examine operations and supply chain management in a variety of contexts including manufacturing systems, financial companies, hospitals, start-ups, and apparel industries. Also we will explore the interface of operations and supply chain management with other functional areas such as marketing, finance, accounting, etc. This course is not oriented toward specialists in operations and supply chain management. Its goal is to introduce you to the basic concepts, to develop your business intuition about operations and supply chain management, to help you understand the day-to-day challenges in this area, and to provide you with the tools to address these challenges. Prereq: Full-time MBA program only.

MBAC 508. Strategic Issues and Applications. 3 Units.
Strategic management deals fundamentally with the ways firms build and sustain superior competitive positions and profitability. Successful strategy design and implementation requires an understanding of a firm's external environment, its internal resources and capabilities. It also requires an integrative view of the firm that spans functional areas such as operations, marketing and finance. Strategic analysis draws on a number of academic disciplines including economics, psychology, political and management science. Prereq: Full-time MBA program only.

MBAC 511. Statistics and Decision Modeling. 3 Units.
This course provides the foundations of statistical and operations research methodologies for managerial decision-making. Topics covered include using sample data to (a) estimate quantities of interest and create confidence intervals, (b) perform hypothesis tests, and (c) make forecasts with simple and multiple regression. Decision modeling involves using mathematical models to provide a quantitative approach to analyzing and solving complex decision problems and includes an introduction to linear and integer programming models and applications, queueing models, and simulation models, all solved by appropriate computer software packages. Prereq or Coreq: MBAC 500. Prereq: Full-time MBA program.
MBAC 512. Economics. 3 Units.
This course is designed to give you an overview and a basic understanding of modern economics. The course will cover the microeconomic topics of consumer choice, business decision making, and market equilibrium; as well as the macroeconomic topics of economic growth, inflation, interest rates, and exchange rates. In the process of achieving these specific content objectives, this course is taught in a way that will support the MBA program goals of having students become competent analysts and a critical, creative thinkers. Prereq: Full-time MBA program only.

MBAC 515. Leading People and Organizations. 3 Units.
The primary objective of this course is to develop students’ capability to be effective leaders and life-long learners. Drawing upon the field of organizational behavior, the course examines leadership effectiveness on three levels: developing the leader from the inside out, working effectively with diverse teams and leading effectively in organizations. Topics include resonant leadership, emotional intelligence, coaching relationships, team learning and development, employee engagement, diversity and inclusion and organizational culture. Students will work in diverse learning teams and complete a personal vision, receive 360-degree feedback on their emotional and social competence and create a personalized learning plan to guide their development throughout the MBA program and beyond. Leadership development coaches meet privately with each student twice throughout the semester and students become peer coaches for classmates. Fundamentally, this course is about developing the leader within so that each individual is best positioned to lead and manage others effectively. Prereq: Full-time MBA program only.

MBAC 518. Business Analytics. 3 Units.
Companies, government agencies, and nonprofit organizations can collect prodigious amounts of data with relative ease, but the data become insights only after they are organized, analyzed, and communicated. Substantial evidence exists to indicate that the demand for analytics trained managers outstrips current supply, and will continue to remain strong in the foreseeable future. Using analytics tools to use data to create insights is a prerequisite to effective management. Building on your first course in statistics, in this course you will be introduced to other useful analytical tools (e.g., Predictive Modeling, Data Mining, and Data Visualization). The course will also introduce commonly used software tools. Prereq: MBAC 511.