MKTG 452. Principles of Retailing. 3 hours.
The theory and practice of making retailing decisions regarding pricing, product, place and promotion, and the development of strategy based on market competition and trends. Course Information: Prerequisite(s): MKTG 360.

MKTG 455. Multichannel Retailing. 3 hours.
The role of multichannel retail strategies: the development and management of successful online retail models and the coordination of retail activities across multiple platforms and physical stores. Course Information: Prerequisite(s): MKTG 360.

MKTG 458. Digital Marketing Research. 3 hours.
Covers advanced methodologies in market research and data analysis in digital platforms. This includes qualitative and quantitative techniques to understand and analyze data collected from the web and social media. Course Information: Extensive computer use required. Prerequisite(s): MKTG 360 and MKTG 462.

MKTG 459. Marketing Insights Qual Rsrch. 3 hours.
Applications of qualitative research methods to marketing problems. Course Information: Prerequisite(s): MKTG 360.

MKTG 460. Marketing Analytics. 3 hours.
Introduction to data-centered analysis for critical aspects of marketing, such as sales forecasting, profitability analysis, market segmentation, promotion budgeting, and database marketing. Course Information: Prerequisite(s): MKTG 360 and IDS 270.

MKTG 461. Consumer Market Behavior. 3 hours.
Understanding consumer decision processes; steps in decision making, including need recognition, perception, cognition and attitude formation; effect of environmental social, psychological, and individual difference factors on consumer decision making. Course Information: Prerequisite(s): MKTG 360 or consent of the instructor.

MKTG 462. Marketing Research. 3 hours.
An investigation of the gathering, analyses and interpretation of information used in solving marketing problems. Both qualitative and quantitative methods are employed in developing an analytical framework. Course Information: Prerequisite(s): MKTG 360; and IDS 270 or MKTG 370.

MKTG 463. Marketing and Sales Channels. 3 hours.
Develop an integrated distribution strategy driven by product and customer needs; understand the selection and roles of channel partners; explore the management of channel relationships. Course Information: Prerequisite(s): MKTG 360. Business Administration students must have declared a major; or consent of instructor.

MKTG 464. Content Marketing. 3 hours.
The planning, design, distribution and management of content for digital marketing. Course Information: Prerequisite(s): MKTG 360.

MKTG 465. Strategic Marketing Management. 3 hours.
Analysis of marketing problems, development of marketing strategies, and persuasive communication of strategic and tactical marketing decisions. Course Information: Prerequisite(s): 15 hours of marketing course work. Recommended background: MKTG 461 and MKTG 462.

MKTG 467. Business Intelligence in Marketing. 3 hours.
Provides knowledge of critical concepts and tools in the use of business intelligence in marketing. Students will learn to use business intelligence to gain market and competitive insights and support marketing decision making. Course Information: Extensive computer use required. Prerequisite(s): MKTG 462 and IDS 270. Recommended background: MKTG 460.

MKTG 468. Advanced Marketing Research. 3 hours.
Advanced knowledge of critical concepts and tools in marketing research related to problem identification, data collection, and analysis in conventional and digital media. Course Information: Extensive computer use required. Prerequisite(s): MKTG 462 and IDS 270.

MKTG 469. Global Marketing. 3 hours.
The strategic and tactical marketing of goods and services to countries beyond domestic or current markets. Distinct economic, socio-cultural, and political-legal-regulatory environments are considered. Course Information: Prerequisite(s): MKTG 360 and BA 200; or consent of the instructor.

MKTG 470. Branding. 3 hours.
Examination of how firms can connect with consumers to build, measure, leverage and protect strong brands. Course Information: Prerequisite(s): MKTG 360. Recommended background: MKTG 462.

MKTG 471. Services Marketing. 3 hours.
An exploration of the special challenges of services marketing, including analyzing and developing solutions for new services, services quality, design and delivery of services, and services recovery. Course Information: Prerequisite(s): MKTG 360.

MKTG 473. Introduction to Sales. 3 hours.
Detailed exploration of the steps in a standard selling process; explores buyers motivations; sales presentations skills and sales technologies. Course Information: Prerequisite(s): MKTG 360 or consent of the instructor.

MKTG 474. Advertising. 3 hours.
Strategy, planning, creation, distribution, evaluation and management of traditional and digital advertising campaigns. Course Information: Prerequisite(s): MKTG 461 or consent of the instructor.

MKTG 475. Product Management. 3 hours.
Development and review of new and existing products during their life cycles; the evolution of products and services from a creative idea to their withdrawal from the market. Course Information: Prerequisite(s): MKTG 462 or consent of the instructor.

Unique concepts and strategies applied when businesses market to other organizations and institutions. Derived demand, systems selling, bid pricing, national account programs, and using distributors. Course Information: Prerequisite(s): MKTG 360.

MKTG 477. Interdisciplinary Research and Development I. 3 hours.
Multidisciplinary teams (w/students typically from Design, Engineering, Public Health, etc.) research and develop solutions related to business, social, or healthcare-related topics. Emphasis: problem solving, collaboration, sponsor engagement, and prototyping. Course Information: Students complete a product development project in conjunction with students enrolled in ME 444 and AD 420. Prerequisite(s): MKTG 360; and consent of the instructor. This is the first half of a year-long course. Students will be required to take MKTG 478 in the following semester.
MKTG 478. Interdisciplinary Research and Development II. 3 hours.
Multidisciplinary teams (w/students typically from Design, Engineering, Public Health, etc.) research and develop solutions related to business, social, or healthcare-related topics. Emphasis: problem solving, collaboration, sponsor engagement, and prototyping. Course Information: Students complete a product development project in conjunction with students enrolled in ME 445 and AD 421. Prerequisite(s): MKTG 360 and MKTG 477. This is the second half of a year-long course. Students will be required to take MKTG 477 in the previous semester.

MKTG 479. Digital and Social Media Marketing. 3 hours.
Creation, evaluation, and implementation of effective digital and social media marketing strategies and tactics. Course Information: Extensive computer use required. Prerequisite(s): MKTG 360. Recommended background: BA 200 and MKTG 461 and general computer skills.

MKTG 480. Approaches to Creativity. 3 hours.
Students will be taught, and have an opportunity to use, the dominant contemporary creative ideation methods used in business, particularly in regards to new products/services and advertisements. Course Information: Prerequisite(s): MKTG 360.

MKTG 481. Advanced Sales. 3 hours.
Focuses on key account management. Course Information: Prerequisite(s): MKTG 360 and MKTG 473.

MKTG 482. Innovation Management. 3 hours.
Introduction to a human-centered approach to designing products, services and business systems using a Design Thinking methodology. Course Information: Prerequisite(s): MKTG 360 and MKTG 462.

MKTG 485. Customer Experience Management. 3 hours.
Applying customer experience concepts, tools, and research methods in order to understand and manage customer-centric business models across industries. Course Information: Prerequisite(s): MKTG 360.

MKTG 494. Special Topics in Marketing. 1-4 hours.
Intensive study of selected problems. Reading assignments from scholarly and professional journals; emphasis on covering relatively few areas in great depth. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Business administration students must have declared a major.

MKTG 499. Research Experience. 1-3 hours.
Research experience under the supervision of a faculty member. The faculty member and student will determine the research project. Each student must submit a written report and each student must participate at a research event on campus. Course Information: May be repeated to a maximum of 12 hours. Students may register in more than one section per term. Prerequisite(s): Major in marketing. Consent of the head of the department and the instructor required.

MKTG 500. Introduction to Marketing. 4 hours.
Client/consumer behavior and the way institutions respond to such behavior through the planning, pricing, promotion, and distribution of goods and services. Course Information: Credit is not given for MKTG 500 if the student has credit for MBA 506. Prerequisite(s): Graduate standing in the College of Business Administration or consent of the instructor.

MKTG 518. Electronic Marketing. 4 hours.
Overview of the electronic marketing value chain. Internet and web technologies, system design, payment systems, business requirements for e-marketing, design and ethical issues. Course Information: Same as IDS 518. Prerequisite(s): MKTG 500 or MBA 506 or consent of the instructor.

MKTG 560. Marketing Management. 4 hours.
The structural system for the management of marketing: environmental considerations; goal determinations; the sequential process; marketing planning; product-market integration; channel components; demand stimulation; evaluation and audit. Course Information: Prerequisite(s): MKTG 500 or consent of the instructor.

MKTG 561. Consumer Behavior. 4 hours.
Application of knowledge from the behavioral sciences to the study of consumer behavior. Individual and group influences on consumer preferences and purchasing patterns are considered. Both theory and application are stressed. Course Information: Prerequisite(s): MKTG 500.

MKTG 562. Marketing Analytics. 4 hours.
Introduces concepts, data analysis techniques and software tools for making key marketing decisions including segmentation, targeting, positioning, forecasting, new product design and resource allocation. Course Information: Same as IDS 540. Extensive computer use required. Prerequisite(s): MKTG 500 or MKTG 360; or consent of the instructor. Recommended background: MKTG 563.

MKTG 563. Marketing Research I. 4 hours.
Design, data collection, analysis, communication, and use of marketing research for effective marketing decision making. Course Information: Extensive computer use required. Prerequisite(s): MKTG 500 or MKTG 360; or consent of the instructor. Recommended background: MKTG 562.

MKTG 564. Marketing Research II. 4 hours.
Focuses on qualitative research, new media marketing research, and advanced quantitative market research for marketing decision-making. Course Information: Extensive computer use required. Field work required. Prerequisite(s): MKTG 500 or MKTG 360; and MKTG 562 and MKTG 563; or consent of the instructor. Recommended background: Prior coursework in marketing, the social sciences, and experience in marketing research.

MKTG 565. Advanced Digital Marketing and Advertising. 4 hours.
Overview of digital marketing communications and advertising strategies with integration across multiple platforms. Emphasis on data-driven campaign management across traditional media (TV, radio, print, outdoor) and digital platforms. Course Information: Prerequisite(s): MKTG 500 or consent of the instructor.

MKTG 566. Business Intelligence and Technologies in Marketing. 4 hours.
Analytical evaluation and development of effective digital and social media marketing strategies and their implementation. Course Information: Extensive computer use required. Prerequisite(s): MKTG 500 or MKTG 360; or consent of the instructor. Recommended background: MKTG 561 and general computer skills.

MKTG 567. Digital and Social Media Marketing. 4 hours.
Application of knowledge from the behavioral sciences to the study of consumer behavior. Individual and group influences on consumer preferences and purchasing patterns are considered. Both theory and application are stressed. Course Information: Prerequisite(s): MKTG 500 or consent of the instructor.

MKTG 568. Multicultural Marketing. 4 hours.
Understanding and applying marketing and cultural theories and tools to develop effective marketing strategies and tactics to reach diverse subcultures, including various racial-ethnic, religious, gender, age-based, and sexual orientation groups. Course Information: Prerequisite(s): MKTG 500 or MKTG 360; or consent of the instructor. Recommended background: MKTG 561.
MKTG 570. Brand Management. 4 hours.
Addresses many of the strategic areas of brand asset management in modern business entities. Issues in building and managing brand assets are covered. Course Information: Prerequisite(s): MKTG 500 or MKTG 360; or consent of the instructor. Recommended background: 1) Brand management experience 2) MKTG 561 3) MKTG 563 or work experience 4) Consumer psychology experience.

MKTG 571. International Business Operations. 4 hours.
Centers attention on the policies and problems of firms operating across international frontiers and the social questions they generate. Attention is directed at investing overseas, licensing agreements, joint ventures and contracting. Course Information: Prerequisite(s): MKTG 500.

MKTG 572. International Marketing. 4 hours.
Focuses on firms which operate internationally from their home country base. Attention is directed toward working with overseas distributors, promotion and pricing problems, governmental export assistance, and physical distribution matters. Course Information: Prerequisite(s): MKTG 500.

MKTG 573. Omni-channel Retailing. 4 hours.
Design of omni-channel distribution and retail strategies, digital retail models (website, social media and mobile apps), coordination and management of marketing across physical/digital channels and designing omni-channel consumer experience for retail. Course Information: Prerequisite(s): MKTG 500.

MKTG 574. Product Planning. 4 hours.
In-depth coverage of all aspects of the product, service, and program planning process. Conceptual aspects as applied to new and existing product entries. Course Information: Prerequisite(s): MKTG 500.

MKTG 575. Content Marketing. 4 hours.
Developing content strategy including distribution and management. Design and creation of content for consumer engagement and conversion across digital/offline marketing platforms. Focus will be on strategy as well as creative ideation and design. Course Information: Prerequisite(s): MKTG 360 or MKTG 500; or consent of the instructor.

Buyer behavior, market segmentation, derived demand, national account programs, system selling, big pricing. Industrial promotion mix, mass communications and management of sales force. Course Information: Prerequisite(s): MKTG 500.

MKTG 577. Interdisciplinary Research and Development I. 4 hours.
Multidisciplinary teams (w/students typically from Design, Engineering, Public Health, etc.) research and develop solutions related to business, social, or healthcare-related topics. Emphasis: problem solving collaboration, sponsor engagement, and prototyping. Course Information: Prerequisite(s): MKTG 500 and consent of the instructor. This is the first half of a year-long course. Students will be required to take MKTG 578 in the following semester. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

MKTG 578. Interdisciplinary Research and Development II. 4 hours.
Multidisciplinary teams (w/students typically from Design, Engineering, Public Health, etc.) research and develop solutions related to business, social, or healthcare-related topics. Emphasis: problem solving collaboration, sponsor engagement, and prototyping. Course Information: Prerequisite(s): MKTG 500 and MKTG 577; and consent of the instructor. This is the second half of a year long course. Students will be required to take MKTG 577 in the previous semester. Class Schedule Information: To be properly registered, students must enroll in one Lecture-Discussion and one Practice.

MKTG 581. Seminars in Consumer Behavior. 4 hours.
Theories and concepts relevant to consumer behavior; the decision making process for both profit and non-profit goods and services. Course Information: Prerequisite(s): Admission to the Ph.D. in Business Administration program.

MKTG 583. Seminar in Marketing Theory. 4 hours.
Emphasis on marketing literature evolution and development of marketing practices that reflect /influence the basic literature. Attention devoted to how other fields have contributed to marketing thought. Course Information: Prerequisite(s): Admission to the Ph.D. in Business Administration program.

MKTG 584. Product Innovation and Development. 4 hours.
An in-depth investigation of the factors affecting the new product strategy of the firm and its management of product innovation. Course Information: Prerequisite(s): Admission to the Ph.D. in Business Administration program.

MKTG 585. Seminar: Topics in Quantitative Models in Marketing. 4 hours.
Formulation of conceptual and quantitative models which relate marketing activities and behaviors to other behaviors or sales or profits. Examines methods which researchers have used to test hypothesized marketing models. Course Information: Prerequisite(s): Admission to the Ph.D. in Business Administration program.

MKTG 586. Advanced International Marketing. 4 hours.
Concepts and problems pertaining to export marketing with emphasis on multinational businesses. Includes product modification, differential pricing, national social and commercial policies, promotion, logistical issues. Course Information: Prerequisite(s): Admission to the Ph.D. in Business Administration program.

MKTG 587. Advanced Marketing Research. 4 hours.
Multi-dimensional scaling, conjoint analysis including hybrid analysis, choice models including multinomial logit and probit models, selectivity models. Course Information: Prerequisite(s): Admission to the Ph.D. in Business Administration program.

MKTG 588. Marketing Communications. 4 hours.
The firm's use of the elements of the promotion mix; advertising, personal selling, sales promotion, publicity and public relations for effective communication with its markets. Course Information: Prerequisite(s): Admission to the Ph.D. in Business Administration program and consent of the instructor.

MKTG 589. Services Marketing. 4 hours.
Distinctive aspects of services marketing examined from both a conceptual and managerial perspective with focus on the research frontiers and questions in services marketing. Course Information: Prerequisite(s): Admission to the Ph.D. in Business Administration program.
**MKTG 594. Special Topics in Marketing. 1-4 hours.**
An intensive study of a selected topic in marketing. Topics vary. Students should contact the instructor to find out what topics will be covered.
Course Information: Prerequisite(s): MKTG 500.

**MKTG 596. Independent Study in Marketing. 1-4 hours.**
Independent study under the direction of a faculty member. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Enrollment by petition to the Director of the MBA program.

**MKTG 599. Ph.D. Thesis Research. 0-16 hours.**
Independent research on topic approved for the doctoral dissertation. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.