

Marketing (MKTG)

MKTG 1990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

MKTG 2201. Introduction to Marketing. (4 Hours)

Provides an overview of the role of marketing in business and society. Considers the planning, implementation, and evaluation of marketing efforts in consumer and business-to-business companies, in service and goods companies, and in for-profit and nonprofit organizations. Also examines contemporary issues in marketing that can affect organizational success. A term project is used to enable students to apply their learning about the fundamentals of marketing.

MKTG 2209. Introduction to Marketing. (4 Hours)

Does not count as credit for business majors. Counts as MKTG 2201 for business minors only.

MKTG 2301. Marketing and Society. (4 Hours)

Examines the role of marketing and business in society's central contemporary problems as well as the way marketing can take a positive and influential role in the efforts to address these problems. Reviews some of our society's main problems and a critical view of marketing and business in today's world. Also examines changing marketing practices and roles for businesses as firms and institutions become more socially responsible and ethically aware. Finally, introduces and analyzes the role of prosocial marketing, how marketing can influence people's behavior for advancing a socially desirable change. Offers students an opportunity to better understand our society and enhance an ethical mind-set, while highlighting the ways marketers can contribute to societal well-being.

Attribute(s): NUpath Societies/Institutions

MKTG 2601. Programming with Consumer Data. (4 Hours)

Introduces students to programming and data analysis through hands-on case studies using consumer data. Explores techniques to acquire, transform, visualize, and analyze consumer data using Python, with no prior experience required. Emphasizes practical applications and the interpretation of consumer data in the context of marketing decision making.

MKTG 2602. Quantitative Analysis of Consumer Data. (4 Hours)

Introduces the fundamental techniques of quantitative data analysis and visualization in the marketing context. Emphasizes real-world consumer data and applications using R. Offers students an opportunity to learn a wide variety of foundational data-driven inference methods and progress to more advanced coursework delving into analyzing and understanding complex behavioral data. No previous experience in data analysis or programming required.

MKTG 2720. Enabling Technologies for Consumer Engagement. (4 Hours)

Introduces how organizations use the latest technologies for enhancing consumer engagement. Uses case studies and exercises to offer a broad overview of creative marketing applications across multiple industries and touchpoints. Examples may include augmented reality, virtual reality, mixed reality, internet of things, real-time interactivity, geolocation tools, wearables, dynamic content personalization, automation, social media, chatbots, voice assistants, and artificial intelligence.

MKTG 2990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

MKTG 3301. Marketing Management. (4 Hours)

Focuses on the marketing process through the use of case studies simulating actual business settings and marketing challenges. Develops skill in marketing decision making, critical analysis, and communication. Topics include techniques for undertaking market analysis, marketing strategy (segmentation and positioning), and marketing implementation (4 Ps). A marketing plan project is used to enable students to apply their understanding about the marketing process.

Prerequisite(s): (MKTG 2201 with a minimum grade of D- or MKTG 2202 with a minimum grade of D- or MKTG 2209 with a minimum grade of D-)

MKTG 3401. Marketing Research. (4 Hours)

Offers students an opportunity to gain experience in the marketing research process, while working on a client-based project. Topics include problem definition, secondary research, exploratory research, experimental design, questionnaire design, sampling and recruitment, and data analysis and visualization. Exercises skills of project management, teamwork, and client relationship management. Seeks to prepare students for careers that utilize consumer insights to inform managerial decisions.

Prerequisite(s): (MKTG 2201 with a minimum grade of D- or MKTG 2202 with a minimum grade of D- or MKTG 2209 with a minimum grade of D-); (MGSC 1201 with a minimum grade of D- or MGSC 2301 with a minimum grade of D- or MATH 2280 with a minimum grade of D- or ECON 2350 with a minimum grade of D- or MATH 3081 with a minimum grade of D- or POLS 2400 with a minimum grade of D- or IS 3500 with a minimum grade of D- or PSYC 2320 with a minimum grade of D- or PHTH 2210 with a minimum grade of D- or IE 3412 with a minimum grade of D-)

MKTG 3402. Gaining Insights from Consumer Data. (4 Hours)

Examines how to capture, manage, analyze, and apply consumer data to gain a better understanding of consumer attitudes, preferences, and thought processes with the goal of helping organizations improve customer experience. Focuses on defining, designing, and solving marketing problems through data analysis and experimental design.

Prerequisite(s): ((CS 2000 with a minimum grade of D- or CS 2100 with a minimum grade of D- or CS 2500 with a minimum grade of D- or DS 2000 with a minimum grade of D- or DS 2500 with a minimum grade of D- or MKTG 2601 with a minimum grade of D-)); MKTG 2602 with a minimum grade of D-

MKTG 3501. Marketing Analytics. (4 Hours)

Examines a wide range of analytical approaches to support marketing decision making and performance measuring in organizations. Offers students an opportunity to learn how to implement such approaches in practice. Focuses on identifying and acquiring relevant data to address different marketing challenges, conducting relevant quantitative analyses, and communicating obtained insights across the organization to make better marketing decisions.

Prerequisite(s): MKTG 3401 (may be taken concurrently) with a minimum grade of D- or MKTG 3402 with a minimum grade of D-

MKTG 3720. Brand Management. (4 Hours)

Introduces students to the multifaceted responsibilities of a brand manager, including understanding market trends and the competitive landscape; developing the brand story; conducting and analyzing consumer research to identify brand opportunities; creating and maintaining a brand budget; establishing and implementing cross-platform brand communication strategy; measuring brand performance; and executing marketing and advertising campaigns. Brand managers in technology, consumer packaged goods (CPG), and service organizations shape the trajectories of global brands and products.

MKTG 3945. Experiential B2B Marketing and Innovation: Industry Challenge in the Context of a Global Enterprise. (4 Hours)

Emphasizes business-to-business (B2B) marketing and develops students' ability to propose solutions to real-world challenges faced by a B2B corporation. Uses the help of an industry partner to present B2B concepts against the backdrop of innovation and partnership building. Offers students the opportunity to gain insight into a B2B company's products, history, current marketing strategies, and past projects. Examines and contrasts B2B and B2C marketing and innovation, covers B2B strategy design and partnerships, and provides guidance on managing creative processes. Introduces students to a series of new challenges presented by senior management, prompting students to develop practical solutions and effectively present their proposals to management. Focuses on the process of developing innovative solutions for real-world challenges, including creating storyboards, designing content, and practicing professional pitches.

Prerequisite(s): MKTG 2201 with a minimum grade of D- or MKTG 2209 with a minimum grade of D-

Attribute(s): NUpath Integration Experience

MKTG 3990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

MKTG 4120. Undergraduate Research Practicum in Marketing. (4 Hours)

Offers students an advanced-level experiential learning opportunity working directly with a faculty mentor on an academic marketing research project. Depending on the mutual interests of students and faculty, research may be behavioral/experimental or quantitative/analytical in nature. Engages students in multiple aspects of a research project: literature review; theory development; hypothesis generation; research design; data analysis and visualization; and developing insights for managers, researchers, and policy. Students meet weekly with the course instructors for skill-building sessions and lab meetings.

MKTG 4220. Marketing in Asia. (4 Hours)

Studies the opportunities and challenges associated with the increasing globalization of Indian and Asian markets. During this Dialogue of Civilizations, students study key environmental forces shaping consumer needs and preferences, the impact of foreign political and economic factors on entering companies, the influence of international competition, market segmentation, and strategy decisions specific to Asian marketing. Analyzes the impact of cultural, social, political, and economic factors on marketing strategies. Offers students an opportunity to learn how to determine when to use different market entry and penetration strategies and how to examine the different skills and systems required to implement marketing strategies in India and broader Asia.

MKTG 4420. Sales Management. (4 Hours)

Focuses on the entire sales effort. Offers students the opportunity to apply a proven selling process and present compelling solutions to customers. Topics include how to translate product features into buyer benefits, how to handle customer objections, and how to close sales and deals. Covers team selling and relationship marketing. Intended for students interested in a sales career as well as future product managers who must rely on the sales force to introduce new products and promotions.

Prerequisite(s): MKTG 2201 with a minimum grade of D- or MKTG 2209 with a minimum grade of D-

MKTG 4502. Managing Customer Engagement in a Service World. (4 Hours)

Examines why people are essential to success, why expectations are important to consumers, and how physical and virtual environments influence delivery of value to customers. Focuses on active skill building and tool development in a practice-oriented approach that is quickly and directly applicable to students' future careers. The primary theme of the course is that both service organizations and product organizations require a distinctive approach to marketing strategy in a world where all organizations increasingly depend on service excellence and customer engagement for competitive advantage.

Prerequisite(s): MKTG 2201 with a minimum grade of D- or MKTG 2202 with a minimum grade of D- or MKTG 2209 with a minimum grade of D-

MKTG 4504. Advertising and Brand Promotion. (4 Hours)

Focuses on developing a creative advertising strategy and brand plan that aligns with a company's overall marketing objectives. Topics include the business of brands, marketing strategy, ethical and legal considerations in advertising, advertising strategy development, media planning and buying, creative development and testing, identifying and measuring success on key performance indicators, historical foundations of advertising, and what's next in the industry. Students apply course concepts to develop a creative advertising strategy to address campaign objectives.

Prerequisite(s): MKTG 2201 with a minimum grade of D- or MKTG 2202 with a minimum grade of D- or MKTG 2209 with a minimum grade of D-

MKTG 4506. Consumer Behavior. (4 Hours)

Incorporates the latest research in marketing, psychology, and other behavioral sciences to help students develop evidence-based strategies for predicting and influencing consumer behavior. Consumers are at the center of the business value creation process; therefore, an understanding of consumer thoughts, feelings, and actions is critical for business success. Offers students an opportunity to learn how to successfully target the right audience by conducting and interpreting market research; shape thoughts by getting consumers' attention and making a lasting impression; influence attitudes by applying principles of persuasion and social influence; and impact consumer decisions by harnessing motivations and drivers of behavior.

Prerequisite(s): MKTG 2201 with a minimum grade of D- or MKTG 2202 with a minimum grade of D- or MKTG 2209 with a minimum grade of D-

MKTG 4508. Digital Marketing. (4 Hours)

Examines the impact of technology on the marketing of goods and services. Focuses on the Internet and the World Wide Web. Investigates recent trends in e-business and identifies marketing strategies that work in this new environment. Introduces students to frameworks that help explain current issues in electronic marketing. Although the focus is on Internet marketing strategy, phenomena such as television home shopping and database marketing are also explored. Readings, cases, discussions, lectures, guest speakers, student reports, and exercises on the World Wide Web are all utilized.

Prerequisite(s): MKTG 2201 with a minimum grade of D- or MKTG 2202 with a minimum grade of D- or MKTG 2209 with a minimum grade of D-

MKTG 4510. New Product Development. (4 Hours)

Provides an overview of the new-product-development process, with an emphasis on customer involvement in this process. Detailed insights are provided on such topics as new-product strategy, idea generation, idea selection and evaluation, concept development and testing, product development and testing, and market testing and product launch.

Prerequisite(s): MKTG 2602 with a minimum grade of D- or MKTG 3401 (may be taken concurrently) with a minimum grade of D-

MKTG 4512. International Marketing. (4 Hours)

Introduces those aspects of marketing that are unique to international business within the framework of traditional functional areas of marketing. Focuses on the environment and the modifications of marketing concepts and practices necessitated by environmental differences. Topics include cultural dynamics in international markets, political and legal environmental constraints, educational and economic constraints, international marketing research, international marketing institutions, and marketing practices abroad.

Prerequisite(s): MKTG 2201 with a minimum grade of D- or MKTG 2202 with a minimum grade of D- or MKTG 2209 with a minimum grade of D-

MKTG 4604. Creating Business Value with Data and AI Technologies. (4 Hours)

Designed to prepare students for careers that demand an understanding of the intersection between the growing data-driven and technology-enabled possibilities and various ways in which they can be creatively leveraged for designing better digital products and markets. Rapidly emerging new digital ecosystems, platforms, products, and services have been fundamentally transforming business practices and market landscapes in almost every industry. Using real-life case studies and projects, students examine and apply fundamental economic principles and conceptual business frameworks that are essential for understanding how emerging data opportunities and new computing technologies can be used for value creation. Considers various approaches for establishing fair and appropriate rules, regulations, and policies to mitigate potential biases, ethical challenges, and discrimination arising due to the digital transformation.

MKTG 4606. Digital, Analytics, Technology, and Automation Research Practicum. (4 Hours)

Offers an advanced-level experiential learning opportunity for students who wish to gain exposure to solving problems facing businesses and other organizations using data analytics and digital technology applications. The practicum offers students an opportunity to learn through active participation in client-centric challenges in a DATA context. Faculty and organizations present a variety of such challenges, and students are guided through solving these challenges. Discusses how new technologies affect human behavior, examines how digital convergence impacts society and organizations, and studies how to apply state-of-the-art methods in machine learning to create value for businesses and organizations. Students practice communicating and enabling change within organizations. Focuses on building students' technical and managerial skills to develop capacities to situate a business problem in a wider research context.

MKTG 4720. Understanding the Platform Economy. (4 Hours)

Examines the key drivers and building blocks of digital business transformations underlying the best marketing practices of the platform economy and discusses how companies can successfully take advantage of emerging multisided platforms and market-driven network externalities. Offers students an opportunity to learn how platforms change the way firms and consumers transact; to identify customer groups whose affiliation with the platform is most valuable; to understand the dynamics and limitations of platform-based network effects; to design competitive platform-based marketing strategies; and to develop plans for turning products and services into sustainable platforms. Explores consumer-based perspectives to highlight potential biases and discrimination arising in the platform economy. Considers various approaches for establishing fair and appropriate regulations and policies to mitigate such issues.

MKTG 4983. Special Topics in Marketing. (4 Hours)

Offers special topics in marketing. May be repeated once.

MKTG 4990. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

MKTG 4992. Directed Study. (1-4 Hours)

Offers independent work under the direction of faculty members of the department on a chosen topic. Course content depends on instructor. May be repeated up to four times for a maximum of 8 semester hours.

MKTG 6120. Graduate Research Practicum in Marketing. (3 Hours)

Offers an advanced-level experiential learning opportunity for students considering an academic career in marketing. Research may be behavioral/experimental or quantitative/analytical in nature. Engages students in multiple aspects of a research project: literature review; theory development; hypothesis generation; research design; data analysis and visualization; and developing insights for managers, researchers, and policy. Students participate in formal research training; attend weekly meetings with the faculty leads for the course; present their research; and submit a research paper at the end of the semester.

MKTG 6200. Creating and Sustaining Customer Markets. (3 Hours)

Focuses on marketing analysis and planning. Emphasizes analysis of customer needs and company and competitor capabilities. This analysis forms the basis of a sound marketing strategy that provides value to customers in a way superior to competitors. Discusses how to deliver this strategy through the development of an integrated marketing program covering product offerings, pricing, promotion, and distribution. Includes professional accounting students.

MKTG 6210. Marketing Research. (3 Hours)

Provides an overview of the major qualitative and quantitative marketing research methodologies available to marketing managers. Explores customer relationship management (CRM) and multivariate statistical techniques including conjoint analysis, customer satisfaction, and service quality measurement.

Prerequisite(s): (MKTG 6200 with a minimum grade of C- or MKTG 6208 with a minimum grade of C- or MKTG 6318 with a minimum grade of C-); (MGSC 6200 with a minimum grade of C- or MGSC 6207 with a minimum grade of C-)

MKTG 6212. International Marketing. (3 Hours)

Develops understanding of the opportunities and challenges facing the international marketing executive, the decision-making process in marketing goods abroad, and the environmental forces—economic, cultural, and political—affecting the marketing process in the international marketplace.

Prerequisite(s): MKTG 6200 with a minimum grade of C- or MKTG 6208 with a minimum grade of C- or MKTG 6318 with a minimum grade of C-

MKTG 6214. New Product Development. (3 Hours)

Focuses on the challenges and decisions new-product managers face as they take ideas through the new-product-development process. Companies need to create, develop, and market new products and services continually to compete effectively in a rapidly changing environment. Provides an overview of the new-product-development process, with an emphasis on customer involvement in this process. Provides detailed insights on such topics as new-product strategy, idea generation, idea selection and evaluation, concept development and testing, product development and testing, and market testing.

Prerequisite(s): MKTG 6200 with a minimum grade of C- or MKTG 6208 with a minimum grade of C- or MKTG 6318 with a minimum grade of C-

MKTG 6216. Market Focused Strategy. (3 Hours)

Offers an advanced course in defining and managing an organization's product-market strategy. Intended for marketing specialists and nonspecialists interested in incorporating a market focus from a general management or consulting perspective. Emphasizes using market information to choose and manage the company's relationships with customers and competitors in a complex, changing environment, as well as the practical concerns of implementing and evaluating marketing strategy.

Prerequisite(s): MKTG 6200 with a minimum grade of C- or MKTG 6208 with a minimum grade of C- or MKTG 6318 with a minimum grade of C-

MKTG 6218. Managing Customer Engagement in a Service World. (3 Hours)

Examines how both service organizations and product organizations require a distinctive approach to marketing strategy in a world where all organizations increasingly depend on service excellence and customer engagement for competitive advantage. The world economy is dominated by services; in the United States, a large percentage of the labor force and the GDP is accounted for by services. Covers why people are essential to success, why expectations are important to consumers, and how physical and virtual environments influence delivery of value to customers. This practice-oriented course focuses on active skill building and tool development that is quickly and directly applicable to students' future careers.

Prerequisite(s): MKTG 6200 with a minimum grade of C- or MKTG 6208 with a minimum grade of C- or MKTG 6318 with a minimum grade of C-

MKTG 6222. Digital Marketing. (3 Hours)

Explores the latest trends in technology and new media, their effect on marketing goods and services, and how to deliver value to the customer using the latest technological innovations. Examines the latest trends in digital marketing, such as mobile marketing, and how the mobile platform can be used for branding purposes and to enhance customer relationships. Explores topics such as branding and advertising via mobile phones, online social networks and communities, technology adoption in global emerging markets, and how the Internet empowers customers and enables firms to engage in customer advocacy. Also examines how marketing research is conducted for technological innovations and ethical concerns that arise with technology usage, such as privacy and security issues, identity theft, and the role of trust in digital marketing.

Prerequisite(s): MKTG 6200 with a minimum grade of C- or MKTG 6208 with a minimum grade of C- or MKTG 6318 with a minimum grade of C-

MKTG 6223. Brand and Advertising Management. (3 Hours)

Offers students an opportunity to obtain an in-depth understanding of the brand-building process amid radical changes in today's marketing communications platforms. Exposes students to concepts, frameworks, and theories critical to developing branding and advertising strategy in the twenty-first century, including brand positioning, target audiences definition, creative advertising, integrated marketing communications, the influence of social media, and assessing marketing and media effectiveness.

Prerequisite(s): MKTG 6200 with a minimum grade of C- or MKTG 6208 with a minimum grade of C- or MKTG 6318 with a minimum grade of C-

MKTG 6226. Consumer Behavior. (3 Hours)

Focuses on the consumer as the key element of marketing strategy and application. Explores demographic, lifestyle, social, and cultural trends and their impact on consumer attitudes, motivations, and behavior. Other topics include group dynamics, family, learning, personality, and emotions and their impact on the business world. Offers an in-depth look at the consumer decision process as a model to guide the planning and evaluation of marketing strategies.

Prerequisite(s): MKTG 6200 with a minimum grade of C- or MKTG 6208 with a minimum grade of C- or MKTG 6318 with a minimum grade of C-

MKTG 6230. Driving Marketing Performance: Measure, Analyze, Profit. (3 Hours)

Introduces how to measure, analyze, and evaluate the profit impact of marketing actions (MAP) by bringing together marketing, strategy, and finance. Your organization is going to spend millions on a new marketing or strategic initiative, but how will you know if it is working? Marketing performance measurement and feedback systems enable managers to take smarter risks by assessing experimental projects and forecasting the profit potential of bigger, bolder initiatives. Offers students an opportunity to explore systems that summarize marketing productivity and suggest steps for performance improvement in marketing strategy and tactics.

Prerequisite(s): MKTG 6200 with a minimum grade of C- or MKTG 6208 with a minimum grade of C- or MKTG 6210 with a minimum grade of C- or MKTG 6318 with a minimum grade of C-

MKTG 6232. Engaging Customers and Markets. (3 Hours)

Introduces informationcentric methods that help to choose which customer markets are worth pursuing; that identify what benefits would be most attractive to offer these customers; and that develop, communicate, and deliver products and services that provide value to both customers and organizations. In the current customercentric marketplace, every member within an organization is responsible for understanding and engaging customers, regardless of their specific functional role. Properly collecting and utilizing data from inside and outside the organization is necessary to support this process. Using real-world cases, scenarios, and data, offers students an opportunity to learn how customer relationships can be created and sustained.

MKTG 6234. Marketing Analytics. (3 Hours)

Offers students an opportunity to understand the importance of using an analytical approach to support marketing decision making in organizations and approaches to implementation practice. Focuses on identifying and acquiring the right data for addressing different marketing challenges; building skills necessary for conducting relevant quantitative analyses; and using insights to make better marketing decisions. Topics may include product innovation, market identification and segmentation, customer valuation, media attribution models, and assessment of digital and social media. Students are expected to apply statistical concepts and have the opportunity to use SPSS, Python, and/or R for analyzing marketing data sets.

MKTG 6283. Marketing and Selling Innovation. (3 Hours)

Reviews the product portfolio concept, examining the need for balanced portfolios and focusing on issues related to product proliferation and simplification. Discusses market-based pricing strategies, sales efforts, distribution, and communication in the context of enhancing the firm's product position in the marketplace. Focuses on developing and executing sales. Explores business-to-business and business-to-customer strategies.

MKTG 6285. Creating Customer Value through Artificial Intelligence. (3 Hours)

Investigates how companies can create customer value through artificial intelligence. Studies companies from startups to large multinationals across a variety of industries. Analyzes the AI strategies implemented or attempted by these companies to understand drivers of success and identify future opportunities. Uses lectures, case discussions, team and individual exercises, and a project on creating a value-driven AI strategy to offer students an opportunity to begin to develop intuition behind modern AI technologies. Does not require coding or algorithm development.

MKTG 6287. Succeeding in the Platform Economy. (3 Hours)

Examines the key drivers and building blocks of digital business transformations underlying the best marketing practices of the platform economy. Discusses how companies can successfully take advantage of emerging multisided platforms and market-driven network externalities. Offers students an opportunity to learn how platforms change the way firms and consumers transact; identify customer groups whose affiliation with the platform is most valuable; understand the dynamics and limitations of platform-based network effects; design competitive platform-based marketing strategies; and develop plans for turning products and services into sustainable customer-centric platforms. Explores consumer-based perspectives to highlight potential biases and discrimination arising in the platform economy, and considers various approaches for establishing fair and appropriate regulations and policies to mitigate such issues.

MKTG 6294. Customer-Centric Research Methods for Marketing. (3 Hours)

Focuses on the marketing research process and the analysis of data using software applications. Marketing research helps businesses know their customers and aids in business decision making. Covers topics such as problem definition, research design, sampling, attitude measurement, survey design, data collection, and data analysis. Students apply course topics to their organizations and analyze real company customer satisfaction data to provide managerial insights for a decision maker. Cases highlight the research process, mobile qualitative methods, and practical decision-making skills. SPSS, Qualtrics, and IBM Watson Analytics may be used to develop and analyze the project components.

MKTG 6295. Customer Performance Modeling. (3 Hours)

Addresses the question of how you know if and when your company's marketing initiatives are impacting customers and creating profit. Covers customer performance measurement, modeling, and feedback systems managers can use to take smarter risks by assessing the marketing initiatives and forecasting profit potentials. Offers students an opportunity to learn how to develop marketing dashboards, through which marketing productivity and profits can be assessed and evaluated. Also covers strategy and tactics that can be developed and communicated, with accountability in mind.

MKTG 6318. Customer Value and the Enterprise. (2 Hours)

Examines the role of marketing as an organizational function and a set of processes to manage offerings that provide superior value to customers. Focuses on developing student skill in analyzing the customer and business environment and using that analysis to build an effective marketing strategy. Emphasizes methods for the identification, acquisition, and retention of customers in a way that provides mutual value to the customer and the organization.

MKTG 6320. Advanced Marketing Management. (3 Hours)

Examines the specific elements of marketing management, including market research, metrics, positioning, planning, and the marketing mix. Focuses on developing student skills in putting together a marketing plan based on a thorough understanding of the market. Emphasizes predicting consumer behavior, developing points of difference and parity, calibrating the different elements of the market offering, and going to market with clear performance indicators.

Prerequisite(s): MKTG 6318 with a minimum grade of C-

MKTG 6430. Driving Marketing Performance: Measure, Analyze, Profit. (2 Hours)

Introduces how to measure, analyze, and evaluate the profit impact of marketing actions (MAP) by bringing together marketing, strategy, and finance. Your organization is going to spend millions on a new marketing or strategic initiative, but how will you know if it is working? Marketing performance measurement and feedback systems enable managers to take smarter risks by assessing experimental projects and forecasting the profit potential of bigger, bolder initiatives. Offers students an opportunity to explore systems that summarize marketing productivity and suggest steps for performance improvement in marketing strategy and tactics.

MKTG 6434. Marketing Analytics. (4 Hours)

Offers students an opportunity to understand the importance of using an analytical approach to support marketing decision making in organizations and approaches to implementation practice. Focuses on identifying and acquiring the right data for addressing different marketing challenges; building skills necessary for conducting relevant quantitative analyses; and using insights to make better marketing decisions. Topics may include product innovation, market identification and segmentation, customer valuation, media attribution models, and assessment of digital and social media. Students are expected to apply statistical concepts and have the opportunity to use SPSS, Python, and/or R for analyzing marketing data sets.

MKTG 6606. Digital, Analytics, Technology, and Automation Advanced Research Practicum. (3 Hours)

Offers students an advanced-level experiential learning opportunity to actively participate to solve client-centric challenges facing businesses and other organizations using data analytics and digital technology applications. Faculty and organizations present a variety of such challenges, and students are guided through solving these challenges. Discusses how new technologies affect human behavior, examines how digital convergence impacts society, and studies how to apply state-of-the-art methods in machine learning to create value for businesses. Students practice communicating and enabling change within organizations. Focuses on building students' technical and managerial skills to develop capacities to situate a problem in a wider research context and to develop a communication approach to deliver technical information to different audiences.

MKTG 6962. Elective. (1-4 Hours)

Offers elective credit for courses taken at other academic institutions. May be repeated without limit.

MKTG 7001. Interdisciplinary Research in Marketing Science. (4 Hours)

Exposes students to cutting-edge research in quantitative marketing to help them define and advance their interdisciplinary research interests. Explains the process of generating feasible, interesting, and managerially relevant research ideas. Focuses on research opportunities arising from applications of new algorithms and technologies to generate consumer insights and automate product recommendations; improve privacy-preserving personalization; understand the increasingly complex advertising landscape and smart devices ecosystem; capture and analyze large unstructured data such as biomarkers, geolocation, networks, video, voice, and text in order to improve consumer experiences. Designed for graduate students with a background in computational social science, computer science, data analytics, digital humanities, economics, engineering, and network science who are interested in consumer-focused interdisciplinary empirical research projects. Expects students to produce a major paper suitable for publication.

MKTG 7976. Directed Study. (1-4 Hours)

Offers independent work under the direction of members of the department on chosen topics. May be repeated without limit.