MANAGEMENT SCIENCE (UNDERGRADUATE) (MGBU)

MGBU 2142. STATISTICAL DECISION-MAKING. (3 Credits)
MGBU 3223. PRINCIPLES OF MANAGEMENT. (3 Credits)
This course introduces the student to the management process within an organization. Special emphasis is placed on the role of the first line supervisor in balancing, coordinating and integrating individual and organizational needs. Other subjects covered are the development of management thought, the role of the supervisor as a decision maker and the processes of planning, organizing, leading and controlling organizational activities.
Attribute: BUMI.

MGBU 3226. SPECIAL TOPIC: EXPLORING ENTREPRENEURSHIP. (3 Credits)
An introductory course that allows students to discover and grasp the nuances of entrepreneurship- particularly how to think, feel, and act differently- which are the three cornerstones of the new Entrepreneurship program. Using a variety of reading assignments, case studies, and interactive projects, students will learn how to identify and evaluate potential business ideas, push the limits of their imagination and creativity, challenge the status quo, and learn to embrace change.
Attributes: ENT, NMAC, NMDD.
Prerequisites: MGBU 3223 or MGBU 3222 or MGBU 3224.

MGBU 3227. SPECIAL TOPIC: INNOVATION AND RESILIENCE. (3 Credits)
This course focuses on the process of innovation, including the resilience required to weather inevitable ambiguity, risk, mistakes, and even failures along the journey. Topics include: identifying opportunities, managing creativity, evaluating ideas, decision making in uncertain environments, resilience.
Attributes: ENT, NMAC, NMDD.
Prerequisite: MGBU 3226.

MGBU 3228. SPECIAL TOPIC: EXECUTING ENTREPRENEURIAL VISION. (3 Credits)
An action-oriented course that requires students to a) develop and continually improve upon a solid-but dynamic-business plan, and b) go beyond the classroom to launch a new venture. This course should be taken as the capstone course of the Entrepreneurship concentration as it integrates what has been learned and built in previous courses and challenges students to transform their business ideas into legitimate businesses.
Attribute: ENT.
Prerequisite: MGBU 3226.

MGBU 3233. ST: START-UP VENTURE EXPERIENCE. (3 Credits)
Intern duty and weekly seminar during which students analyze their work experience with a faculty member. Selected readings, case analysis, and written projects. The course will be taught in a business incubator, and include interaction with startup entrepreneurs. The focus will be real world exposure to the issues and uncertainty that exists for a startup with limited resources.
Attributes: ENT, PRQU.
MGBU 3433. INDUSTRIAL RELATIONS AND PERSONNEL MANAGEMENT. (3 Credits)
An advanced treatment of issues, problems and techniques in personnel management. Findings from the behavioral sciences are applied to the problems and practices of human resource management in organizations. The course utilize small group and organization-theory as frameworks for analyzing the latest methods in the areas of selection, training, compensation, collective bargaining and performance measurement.

MGBU 3436. Capitalism and Its Alternative. (3 Credits)
What is the philosophical foundation of capitalism? What are the viable alternatives to capitalism? This course considers answers to these questions from the fields of economics, political theory, and humanitarian management. Authors covered include Adam Smith, Milton Friedman, and FA Hayek.

MGBU 3437. ST: HISTORY OF BUSINESS. (3 Credits)
This course will focus on the interrelationships between the business community and the development of the United States of America. The course is divided into three sections that will cover such topics as the colonization of America by the Europeans, industrialization in the United States and the civil war and creating an environment of business regulation.

MGBU 3438. OPERATIONS AND PRODUCTION MANAGEMENT. (3 Credits)
The operations function within an organization is responsible for managing the process flow that an organization has to use to produce a product, deliver a service, or both. Operations managers are responsible for the design, the daily operation, and the improvement of these processes. This course provides an introduction to the field of operations management: to understand the key decisions and to see how these decisions directly impact an organization's competitiveness and market performance. Pre-requisite: MGBU 2142.

MGBU 3439. INTRO HEALTH CARE SYSTEMS. (3 Credits)
This course will describe the different elements of the healthcare system and highlight the role of the payers, providers, patients, healthcare service workers and the industry (pharmaceutical, devices, supplies and diagnostics) within the context of a larger social system governed by local regulations and different demographic realities. While the emphasis will be on the United States key differences with other systems such as in Europe, Canada, Brazil and China will also be presented. The role of key associations in the US such as the AMA, IOM, PhRMA, patient advocacy groups and unions will be described. Emerging trends in the system in the United States will be presented as will the impact of other countries on the US.

MGBU 3440. HEALTH BUSINESS PRACTICUM. (3 Credits)
This course focuses on process management and how to improve organizational processes by using a body of knowledge known as Six Sigma. A process is the unity of multiple activities that transform required inputs into desired outputs. Poorly-designed processes produce defective goods and services that lead to customer dissatisfaction and a higher level of internal and external failure cost. Therefore, continually improving process performance is critical to organizations' survival and success. Class lectures, discussions, and case studies in the course cover the methods and tools used for a Six Sigma project, such as project selection, process mapping and analysis, data collection, statistical data analysis, root-cause analysis, and creative thinking for both continual and breakthrough improvements.
MGBU 3450. RESEARCH IN MANAGEMENT: MANAGING PROFESSIONAL RELATIONSHIPS. (3 Credits)
This course introduces students to research in impression management within the organizational behavior field in management. It aims to improve students’ understanding of scholarly research effort in defining impression management concepts, theories, methodological techniques, and findings, as well as to improve students’ analysis and usage of impression management in the workplace. This course is also designated as Fitness Integrated Learning (FIL), which is an innovative way of teaching and learning course material while students are engaged in a physical activity of spinning. The class will take place in the Spinning studio at the McGinley Center. Students will be riding stationary bikes at their own effort level throughout the duration of the class.
Prerequisite: MGBU 3223.

MGBU 3451. ST: TEAM DYNAMICS. (3 Credits)
This course is designed to help students understand team dynamics, be a more productive team member, build teams, lead teams, and address team challenges. Through a combination of lectures and team-based activities, students will learn about concepts such as team design, team performance, team identity, decision making, conflict in teams, creativity, leadership, and diversity in teams.

MGBU 3452. ST: INDUSTRY ANALYSIS AND STRATEGIC PLANNING. (3 Credits)
Discusses techniques for analyzing the long-term attractiveness of different industries and develops a framework to understand the nature of competition and the relative competitive position of firms within industries. Emphasizes global factors that affect industry attractiveness and competitive positioning. In particular, highlights the impact of differences in and the competitive advantages of nations and trade, as well as the development of global standards for the long-term profit potential of industries. While this course emphasizes the industry level, it also includes competitive factors of firms within industries to introduce a framework for strategic planning at the firm level.

MGBU 3453. ST: BUSINESS DYNAMICS. (3 Credits)
The course introduces the modeling process that world-class firms use for improving collegial learning and performance. Role-playing games and simulation models and cases challenge participants’ critical thinking about business transformations. Using the iThink® and Vensim™ software, course participants capture their perceptions of decision situations in very-user-friendly models, and generate new insight into how business enterprises adapt to the new transnational realities, through the co-alignment of competitive and collective tactics.

MGBU 3454. ST: DESIGN THINKING. (3 Credits)
Design thinking is an iterative problem-solving process of discovery, ideation, and experimentation that, when combined with business models, provides decision-makers with effective tools for innovation and transformation. This hands-on course will guide students in the use of a variety of design-based tools and techniques to clarify and solve human-centered organizational, business, and public service challenges. Attribute: ENT.

MGBU 3455. ST: RESEARCH FOR CONSULTING. (3 Credits)
In this course, students will explore various analytical frameworks for problems companies experience (i.e., environmental challenges, social legitimacy challenges, cost pressures, positioning challenges, human motivation challenges etc.). They will do research to apply the various frameworks and analytical skills needed to address such problems. Students ultimately will develop their research skills and present potential solutions to various sets of problems companies typically hire consultants for. This course will also be designated as Fitness Integrated Learning (FIL), where students will have the option to ride on stationary bikes at their own speed during class lectures.

MGBU 3456. ST: ADV SKILLS FOR CONSULTING. (3 Credits)
This course focuses on building skills relevant for consulting jobs. It provides an overview of the consulting industry, its job profiles, and the consulting process. It focuses on managing professional relationship for consulting engagements, including creating offers, pitching offers, project management, team dynamics, leadership and presentation skills. The class will be taught in the Fitness Integrated Learning format and will meet in the spin studio of the McGinley Fitness Center.

MGBU 3457. ST: Applied Innovation Consulting. (3 Credits)
This course offers a real-life consulting engagement where students have the opportunity to address pressing business issues and challenges faced by their client organization. Working in teams, students will consult to a) Fairtrasa CEO Patrick Struebi on the global marketing and development of Bloom, his recently launched app for farmers, or, to b) Lt. Colonel Joe Geraci of the Veteran's Administration and be responsible for planning and delivering the planned May 2019 Veteran Multicultural Training event at Fordham University and developing the social media strategy for furthering the program's impact.

MGBU 3458. ST: AWARENESS & SELF LEADERS. (3 Credits)
This course will take a deep dive academically and experientially into what we know about individual differences and managing ourselves to create benefit for ourselves and the society we are embedded in.

MGBU 3460. ST: APPLIED DESIGN THINKING. (3 Credits)
This course focuses on a problem solving approach that is human centered, with an emphasis on ideation and open experimentation. A company that is renowned for incorporating all of these is Walt Disney World. The goal of this class is to use Walt Disney World as a case study to learn the application of both Marketing and Design Thinking.
Prerequisite: MKBU 3225.

MGBU 3550. ST: FILM, CHARACTER&LEADERSHIP. (3 Credits)
This course uses the inherent power of the cinema to better clarify the topics of character and character-based leadership. Prerequisites: MGBU 3223 or (MGBU 3222 and MGBU 3224).

MGBU 3552. ST: THE ROSE PROGRAM. (3 Credits)
This course is intended for students who want to learn more about regulation in the financial services industry and want to get actively involved in shaping the regulatory space. Top performing project teams will present their proposals to a panel of Wall Street executives and will be invited to Washington, DC (all expenses paid) to present to regulators.
MGBU 3562. ST: SINGAPORE GLOBAL IMMERSION: ENTREPRENEURSHIP, INNOVATION AND ECONOMIC DEVELOPMENT. (3 Credits)

Innovation is generally believed to be a major driver of economic growth and development as it may increase the output of an economy for a given level of input. Entrepreneurs play an important role in translating technological inventions into commercially viable innovations, thereby contributing to economic growth and development. While this account of economic development seems simple enough to understand by policy makers, countries significantly vary in terms of prosperity and economic development.

MGBU 4001. FAIR TRADE AND MICROFINANCE. (3 Credits)

This course examines the structure of Fair Trade as an alternative form of commerce which specifically expresses solidarity with the poor. The course is concerned with running all aspects of a small Fair Trade business. The class acts as employees on a team which seeks to make profit sustainably, yet effectively. Readings support a greater understanding of the realities of poverty.

Attributes: ENT, GLBB, PJST.

MGBU 4003. SPIRITUALITY AND FAIR TRADE. (3 Credits)

This course is designed to ignite a spiritual awareness of economic injustice which ultimately motivates action, large or small. We begin by exploring the mechanisms of poverty, and looking at alternative forms of commerce. We look at why Fair Trade is able to answer some of the human rights issues associated with poverty. Readings highlight spiritual leaders from the past, and the models for action that their life stories provide. How should business students evaluate their lives and their careers? What might "solidarity with the poor" mean, in a variety of contexts.

Attributes: GLBB, PJST.

MGBU 4004. ENTREPRENEURSHIP AND FAIR TRADE. (3 Credits)

This course focuses on the entrepreneurial response to economic injustice, as expressed in the Fair Trade movement. The class will be divided into teams, to consult with emerging Fair Trade businesses in the New York area, ongoing throughout the semester. Against this backdrop we will learn from problem solving methods of entrepreneurs who have involved themselves with using business structures as a means of fighting poverty.

Attributes: ENT, GLBB, PJST.

MGBU 4005. ST:FAIR TRADE ENTREPRENEURSHIP. (3 Credits)

Fair trade is a global response to social injustice and poverty. Whether it is capital for "startups" or markets for fair trade coffee, the fair trade movement promotes socially and environmental responsibility business practices here and abroad. This course reviews the fair trade movement's successes and failures to find alternatives to business as usual that reduce poverty and build a sustainable global economy. Students focus on country specific examples of fair trade and microfinance social innovation that reduce poverty by creating viable livelihoods. Marketing, insurance, finance and management can all be applied to build a socially justice and sustainable global economy. "We urgently need a humanism capable of bringing together the different fields of knowledge, including economics, in the service of a more integral and integrating vision" Pope Francis argues in his recent Encyclical Letter, this course explores this vision.

Attributes: ENT, IPE, PJST.

MGBU 4431. ST: BLOCKCHAIN: INDUSTRY DISRUPTOR. (3 Credits)

Blockchain (the technology underlying Bitcoin and Ethereum) is a transformative technology that will up-end existing industries and spawn completely new ones. In this course, students will study the fundamentals of blockchain and examine its potential impact on industries as diverse as banking, energy, music and non-profits.

MGBU 4441. STRATEGY. (3 Credits)

This integrated course brings together the student's previous study of the functional areas of business. The course focuses on the activities of the chief executive's top management group in defining the objectives and goals of the organization and in developing programs for the achievement of those goals. Major attention is devoted to the sophisticated, contemplative action of top-level decision makers.

MGBU 4443. SPECIAL TOPIC: PERSONAL LEADERSHIP. (3 Credits)

The objective of the course will be to build upon the basic strategy skills developed during MGBU 4441. Companies are facing serious strategic challenges as the pace of technological change has increased, competitors have become more aggressive and customers have become more demanding. The course will examine advanced strategy concepts through case studies of companies at strategic crossroads, white papers and articles describing new strategy concepts and actual events occurring in the marketplace. Students will be asked to contribute to weekly lectures, take a traditional mid-term exam and participate in small teams to produce a final project. The final project will address a company at a strategic crossroads and propose a recommended course of action for that company to meet its current challenge or exploit a potential opportunity.

Prerequisite: MGBU 4441.

MGBU 4446. ST: GLOBAL IMMERSION ISRAEL. (3 Credits)

The course provides students the first-hand opportunity to explore a vibrant business environment of Israeli organizations. Students are introduced to the management, marketing, and organizational practices across start-up, national, and international organizations within the country of Israel. Through the examination of impactful environmental factors, the role of national cultural, historical, and political setting are analyzed on how they shape and drive the unique business landscape in Israel. The course is a combination of in-class and online learning during the semester and culminating in a global immersion trip to Israel during the winter break.

MGBU 4476. ST: CROSS CULTURAL NEGOTIATION. (3 Credits)

This course exposes students to the legal, ethical, and practical challenges of negotiating globally. It develops negotiation skill sets and enhances appreciation of the impacts of cultural difference and international institutional settings on business negotiations. Case-based simulations offer the opportunity to refine in practice the concepts learned in reading and films. Students will emerge from the course better prepared to work in multi-cultural teams and business settings.

Attributes: GLBB, INST, ISIN.

MGBU 4488. ST: SPORTS MANAGEMENT. (3 Credits)

An in-depth treatment of special topics in sports management, that integrates the sport industry and strategic management, will be explored through the use of case studies, lectures, and projects. Sport management programs that train people for positions in such areas as professional sports, coaching, college athletics, fitness centers, officiating, marketing, and sporting goods manufacturing will be highlighted.
MGBU 4507. PROJECT MANAGEMENT. (3 Credits)
This course provides the project management skills needed to develop information and communications systems on time and within budget. It concentrates on methods and issues of organizing, planning and controlling projects, and the use of computer-based project management tools.

MGBU 4999. INDEPENDENT STUDY. (1 to 3 Credits)