BUSINESS MANAGEMENT*

*Business Management is offered exclusively as a concentration.

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web address: http://www8.gsb.columbia.edu/mendelson

The collaboration between the faculty of Arts and Sciences and Columbia Business School offers students access to the ideas and expertise of the faculty of a top-ranked professional school recognized for its excellence in graduate business education through a series of elective courses. These courses, designed by Business School faculty specifically for undergraduates, build upon the strong liberal arts education at Columbia. Students learn how finance is directly connected to the fundamental principles of economics; that marketing utilizes concepts from psychology; and how management depends upon principles developed in psychology and sociology.

Students can take advantage of the opportunity to enhance their experience by participating in co-curricular activities, such as Business School faculty lecture series, industry panels, informal mentoring/networking activities with MBA students and alumni, in addition to research opportunities with Business School faculty.

This curricular and co-curricular programming capitalizes on the Business School’s ability to connect academic theory with real-world practice, providing students with the opportunity to develop key leadership skills, an entrepreneurial mindset, and the ability to innovate.

Eligibility:

1. Sophomore or junior standing;
2. Have a cumulative GPA of 3.4 or higher;
3. Have received a B+ or better in at least one, but preferably two, of the following three prerequisite courses, i.e. in statistics, economics, and psychology. Students who completed only one prerequisite at the time of application must be currently enrolled in at least one other; acceptance is conditional on achieving a grade of B+ or higher in the second course.

Statistics Prerequisite
Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>STAT UN1001</td>
<td>Intro to Statistical Reasoning</td>
</tr>
<tr>
<td>STAT UN1101</td>
<td>Introduction to Statistics</td>
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<tr>
<td>STAT UN1201</td>
<td>Calc-Based Intro to Statistics</td>
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<tr>
<td>PSYC UN1610</td>
<td>Statistics-Behavioral Scientists</td>
</tr>
<tr>
<td>SOCI UN3020</td>
<td>Social Statistics</td>
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</tbody>
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Economics Prerequisite

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>ECON UN1105</td>
<td>Principles of Economics</td>
</tr>
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</table>

Psychology/Sociology Prerequisite

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>PSYC UN1001</td>
<td>The Science of Psychology</td>
</tr>
<tr>
<td>PSYC UN1010</td>
<td>Mind, Brain and Behavior</td>
</tr>
<tr>
<td>SOCI UN1000</td>
<td>The Social World</td>
</tr>
</tbody>
</table>

Application Requirements
To apply for the special concentration in business management, students must meet these three requirements:

1. Have a cumulative GPA of 3.4 or higher;
2. Have received a B+ or better in at least one, but preferably two, of the following three prerequisite courses, i.e. in statistics, economics, and psychology. Students who completed only one prerequisite at the time of application must be currently enrolled in at least one other; acceptance is conditional on achieving a grade of B+ or higher in the second course.

Application Components
1. Application form
2. Current class schedule, including a brief description of how all concentration requirements will be completed
3. Official transcript
4. Resume

Benefits for Admitted Students
The following benefits are available to students admitted through the application process:

1. Guaranteed enrollment in popular undergraduate business courses (must reserve in advance through program manager);
2. Access to special guest speaker presentations at the Business School, including business leader or faculty presentations exclusively for admitted students;
3. Formal and informal networking opportunities with Business School students, faculty, and alumni.

Current Faculty

Guidelines for all Business Management Special Concentrators
The business management special concentration is not a stand-alone concentration: it is intended to complement the disciplinary specialization and methodological training inherent in a major. In addition to the special concentration requirements, students must complete a major or a full concentration.

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to the special concentration requirements, students must complete a major.

Students who matriculated at Columbia in Fall 2012 and beyond must earn a minimum GPA of 3.0 in prerequisite, core, and elective courses. Students who matriculated before Fall 2012 must either adhere to the above requirement or previous requirement of B+ or better in at least two of the prerequisites and a minimum GPA of 3.0 in core and elective classes.

Students who do not meet course prerequisites or who do not receive a passing grade do not receive credit for that course towards the special concentration. All courses must be taken for a letter grade. Only prerequisites may be double counted for other majors or concentrations. The core classes cannot be double counted. Electives may be double counted if a student’s major allows double counting.

For information about this special concentration, including the application process, visit [http://www8.gsb.columbia.edu/mendelson](http://www8.gsb.columbia.edu/mendelson).

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**Special Concentration in Business Management**

Please read Guidelines for all Business Management Special Concentrators above.

The requirements for the special concentration in business management are as follows:

### Prerequisites

Select one of the following Statistics courses:

- STAT UN1001 INTRO TO STATISTICAL REASONING
- STAT UN1101 INTRODUCTION TO STATISTICS
- STAT UN1201 CALC-BASED INTRO TO STATISTICS
- PSYC UN1610 STATISTICS-BEHAVIORAL SCIENTISTS
- SOCI UN3020 Social Statistics

Select the following Economics course:

- ECON UN105 PRINCIPLES OF ECONOMICS

Select one of the following Psychology/Sociology courses:

- PSYC UN1001 THE SCIENCE OF PSYCHOLOGY
- PSYC UN1010 Mind, Brain and Behavior
- SOCI UN1000 THE SOCIAL WORLD

### Core

Select one of the following Financial Core courses:

- ECON GU4280 CORPORATE FINANCE
- BUSI UN3013 FINANCIAL ACCOUNTING

Select two of the following Managerial Core courses:

- BUSI UN3701 STRATEGY FORMULATION
- BUSI UN3021 MARKETING MANAGEMENT
- BUSI UN3703 LEADERSHIP IN ORGANIZATION

### Electives

Select two of the following courses:

- BUSI UN3702 VENTURING TO CHANGE THE WORLD
- BUSI UN3704 Making History Through Venturing
- ECON UN2257 THE GLOBAL ECONOMY
- ECON UN3025 FINANCIAL ECONOMICS
- ECON UN3265 MONEY AND BANKING
- ECON GU4415 GAME THEORY

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**ECON BC2010** The Economics of Gender
**ECON BC3013** Economic History of the United States
**POLS V3615** Globalization and International Politics
**PSYC UN2235** THINKING AND DECISION MAKING
**PSYC UN2630** SOCIAL PSYCHOLOGY
**PSYC UN2640** INTRO TO SOCIAL COGNITION
**PSYC UN2650** INTRO TO CULTURAL PSYCHOLOGY
**PSYC BC1136** Social Psychology
**PSYC BC1138** Social Psychology
**PSYC BC2151** ORGANIZATIONAL PSYCHOLOGY
**SOCI UN2240** ECONOMY # SOCIETY
**SOCI UN3000** SOCIAL THEORY
**SOCI UN3265** SOCIOLOGY OF WORK # GENDER
**SOCI UN3490** MISTAKE, MISCONDUCT, DISASTER
**SOCI W3670** Culture, Markets, and Consumption
**SOCI UN3677** The Organization of Diversity
**SOCI S3675Q** Organizing Innovation
**SOCI G4032** Sociology of Labor Markets
**BIOT GU4201** SEM-BIOTECH DEVPT # REGULATION
**HIST BC2101** HISTORY OF CAPITALISM
**MATH UN3050** DISCRETE TIME MODELS IN FINANC
**SDEV UN2320** ECON # FIN MTHDS FOR SDEV
**URBS UN3550** Community Building and Economic Development

NOTE: Students may not receive credit for two or more of PSYC BC1136 Social Psychology, PSYC BC1138 Social Psychology, and PSYC UN2630 SOCIAL PSYCHOLOGY.

**BUSI UN3013 FINANCIAL ACCOUNTING. 3.00 points.**

Enables students to become informed users of financial information by understanding the language of accounting and financial reporting. Focuses on the three major financial statements that companies prepare for use of management and external parties—the balance sheet, the income statement, and the statement of cash flows. Examines the underlying concepts that go into the preparation of these financial statements as well as specific accounting rules that apply when preparing financial statements. Also looks at approaches to analyze the financial strength and operations of an entity. Uses actual financial statements to understand how financial information is presented and to apply analysis techniques.

Fall 2023: BUSI UN3013

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<tr>
<th>Course Number</th>
<th>Section/Call Number</th>
<th>Times/Location</th>
<th>Instructor</th>
<th>Points</th>
<th>Enrollment</th>
</tr>
</thead>
<tbody>
<tr>
<td>BUSI 3013</td>
<td>001/13174</td>
<td>T 1:00pm - 3:30pm</td>
<td>Edward Li</td>
<td>3.00</td>
<td>65/74</td>
</tr>
</tbody>
</table>
BUSI UN3021 MARKETING MANAGEMENT. 3.00 points.
Designed to provide students with an understanding of the fundamental marketing concepts and their application by business and non-business organizations. The goal is to expose students to these concepts as they are used in a wide variety of settings, including consumer goods firms, manufacturing and service industries, and small and large businesses. The course gives an overview of marketing strategy issues, elements of a market (company, customers, and competition), as well as the fundamental elements of the marketing mix (product, price, placement/distribution, and promotion).

Fall 2023: BUSI UN3021
Course Number  Section/Call Number  Times/Location  Instructor  Points  Enrollment
BUSI 3021  001/13175  W 4:10pm - 6:40pm 820 Kravis Hall  Andrey Simnov  3.00  71/74

BUSI UN3701 STRATEGY FORMULATION. 3.00 points.
This class is an introduction to strategic management and the decisions that firms make in their historical context. We look at the growth of the large multi-product firm in almost all countries in the world and the process by which they internationalized their activities and, very often, were also forced to retreat from their international positions. We treat strategies as relation to two broad goals of the class: to understand why some companies are financially much more successful than others; and to analyze how managers can devise a set of actions (the strategy) and design processes and structures that allow their company to obtain a competitive advantage. You will learn the analytical tools developed in universities, in consulting and industrial firms, and even in the military. These tools include what companies do to outperform their rivals; to analyze the competitive moves of rival firms by game-theoretic concepts; and when it makes sense for companies to diversify and globalize their business. Applications will be to Walmart and Apple, European firms and to Asian firms, and developing country firms.

BUSI UN3702 VENTURING TO CHANGE THE WORLD. 3.00 points.
How do founders and their new ventures change the world? Changes in technology and society are increasing the power of small teams to impact everything. Startups, large corporations, social groups and governments are increasingly focused on the power of innovation to solve the world's hardest problems. The ideas and patterns driving this recent form of change-making build on frameworks defining the development of modern civilizations since the Renaissance. Venturing to Change the World introduces the intellectual foundations and practical aspects of founding a new venture. We explore the entrepreneurial mindset, team formation, idea selection, how ideas become products with markets, and the key steps in building a venture. Our scope is commercial as well as social ventures, and the course is appropriate not only for prospective founders but anyone who will operate in a society increasingly animated by entrepreneurial activity.

BUSI UN3703 LEADERSHIP IN ORGANIZATION. 3.00 points.
Initially, the emphasis is on understanding the challenges confronting leaders and developing skills to effectively deal with these obstacles. Beyond intelligence and technical know-how, what separates effective leaders from other team members is a set of social skills (e.g. impression management, self-awareness). This course identifies these critical leadership skills and provides ideas and tools for improving them. Then, the course considers how social intelligence skills fit the needs of managers at different stages of their careers. In early stages, managers need to achieve a good person-job fit, find mentors, and build an effective social network. At the mid-career stage, managers need to lead an effective unit with increasing complexity and responsibilities. Finally, the course examines challenges managers face at later career stages as they become partners, CFOs, CEOs, etc.

BUSI UN3704 Making History Through Venturing. 3 points.
Prerequisites: BUSI UN3702 BUSI UN3703 or equivalent
This course is about making history. Advanced topics in creating successful organizations. In the age of accelerating change, innovation is moving from an accidental, artisanal process to a large-scale societal machinery. Building on Venturing to Change the World's overview, this course delves into the philosophy, economics, history, sociology, engineering, finance and management topics that animate powerful commercial and social ventures. Technology trends: Deep consideration of two major forces in technology for the next decade (synthetic biology, artificial intelligence). Management strategies for building and leading, as well as personal productivity and conduct. Accessing and managing financial markets and resources. Product creation: Conceptualizing and delivering innovation and products through design and engineering teams. Finance and fundraising: Designing the business model, understanding the economics, and the social science of the financing markets. Keywords: science, technology, innovation, management, finance, fundraising, operations research, organizational behavior, ethics, social impact, leadership, philosophy.

ECON GU4280 CORPORATE FINANCE. 3.00 points.
Prerequisites: ECON UN3211 and ECON UN3213 and STAT UN1201
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An introduction to the economics principles underlying the financial decisions of firms. The topics covered include bond and stock valuations, capital budgeting, dividend policy, market efficiency, risk valuation, and risk management. For information regarding REGISTRATION for this course, go to: http://econ.columbia.edu/registration-information

ECON UN3211 and ECON UN3213 and STAT UN1201
An introduction to the economics principles underlying the financial decisions of firms. The topics covered include bond and stock valuations, capital budgeting, dividend policy, market efficiency, risk valuation, and risk management. For information regarding REGISTRATION for this course, go to: http://econ.columbia.edu/registration-information