MA Courses
for the Department of Economics and Business
in the Colin Powell School at the City College of New York

B0000 Microeconomic Analysis
It is a course in modern microeconomic theory. It gives students a solid understanding of basic microeconomic theory and its applications in important policy areas such as tax policy, price regulation, and the environment. The course covers consumption theory, production theory, theories of the competitive market, non-competitive markets, general equilibrium theory, externalities and public goods, and an introduction to game theory. Prereq: ECO 22000 or equivalent, and one semester of calculus; or instructor's permission. 2 hr./wk.; 3 cr.

B1000 Macroeconomic Analysis
This course provides a thorough discussion of the macroeconomics system and builds the foundations developed in the undergraduate classes. It covers several important macroeconomic topics such as, consumption theory, theory of Investment, credit markets, money, interest rates, and the role of the Government, Fiscal Policy and Monetary Policy. We will study models with different expectations (adaptive and rational) and it will require the design of economic policies. Prereq: ECO 22500 or equivalent, or instructor's permission. 2 hr./wk.; 3 cr.

B2000 Statistics and Introduction to Econometrics
Applications of statistical methods to economic research; description and inference; variance analysis and correlation; statistical induction and testing of hypotheses; time series; index numbers, simple regression analysis. 2 hr./wk.; 3 cr.

ECO B2100 Fundamentals of Empirical Research
Econometrics and regression analysis, use of computers in empirical research in economics. Basic knowledge of computer language, operations research methods. Prereq: ECO B0000, B1000, and B2000, or instructor's permission. 2 hr./wk.; 3 cr.

B5000 Industrial Organization and Public Policy
This course looks at how the nature of competition between firms affects the market outcome, the firm’s performance, consumer welfare and overall market efficiency. We study various price and non-price strategies employed by the firm to improve its profits and how regulatory policy such as antitrust regulation can help or hurt consumer welfare and market efficiency. 2 hr./wk.; 3 cr.

B6000 Economic Development
Theories and policies on economic growth and structural transformation in the less developed countries. While no specific geographic regions are considered as less developed countries, it generally cover Asia other than Japan, Latin America and Africa. Pre-requisites: Principles of economics and one course in statistics. 2 hr./wk.; 3 cr.
B7100: International Economics
This course offers a broad introduction to the main topics of International Economics, such as, Open Macroeconomics, International Trade and International Finance. During the first part of the course we will study the basics of international trade (Mundell-Fleming Model, determination of foreign exchange rates and Open-Economy Macroeconomic models). The second part focus on balance of payments, specifically, the concept of absolute and comparative advantage, factor endowments and trade policy analysis.
2 hr./wk.; 3 cr.

B8600 China Economy I
This course provides comprehensive introduction to China's political economy of development and economic geography. Topics include the background information of China's economy in historical perspective, pre-reform period, China's transition to market economy, its impact on the region and China's role in global economy.
Learning Outcomes: It is expected that each student will have good understanding of China's geographical setting, the transition of Chinese economy to a market system, the growth patterns of China, and China's role in global economy at the end of the semester.
Prerequisites: Basic principles of economics, both Microeconomics and Macroeconomics are required.
2 hr./wk.; 3 cr.

B9400 China Economy II
This course provides comprehensive introduction to Chinese political system, economy and geography, and the business opportunities for the western world to teach students on doing business with China. The course features on contemporary Chinese economy with emphasis on the trade-investment nexus on China's economy after its economic reform and openness; both China's inward and outward investment, economic integration in both real and financial sectors with other countries, China's role in the global production network and business opportunities in both merchandise and service trades.
Prerequisite: B 8600 China Economy I or consent with the instructor. Student without background in China economy may be required to do extra home work.
2 hr./wk.; 3 cr.

B9501 Entrepreneurship
This course is about creating entrepreneurial businesses, and the course focuses on tech startups that with vision, planning, hard work and luck can often be built into large businesses. Specifically, this course will focus on developing and testing business models and plans that can be used to chart out road maps for developing such startups.
2 hr./wk.; 3 cr.

B9510 Finance
This course provides a rigorous introduction to the fundamentals of modern financial analysis and their applications to business challenges in basic security analysis, asset allocation and investment management. The major topics to be covered are: Asset classes and financial instruments, Securities markets, Mutual funds and other investment companies, Risk and return, Efficient diversification, Capital asset pricing model and arbitrage pricing theory, Efficiency market hypothesis, Equity valuation, Fixed income securities, Options and futures.
2 hr./wk.; 3 cr.

B9523 Transportation Economics
This course is intended to provide you with an understanding of the basic microeconomic principles applicable to the transport sector. It also seeks to develop an understanding of various contemporary techniques of managerial economics that facilitate transport related decision-making in the areas of production and costs, demand, pricing and investment. Fundamentally you will learn about: The key features and complexities of transport as an economic activity, How to forecast demand for transport services, and how to calculate demand elasticities, the difference between various types of costs that economist discuss and the general behaviour of such costs. The main market structures present in the transport sector and the key differences in respect of economic performance.

2 hr./wk.; 3 cr.

C0011 Organizational Behavior
Organizational Behavior is the study and application of knowledge about how people, individuals, and groups act in organizations. This course employs different theoretical lenses to analyze organizations and to direct managerial action. The aim of this course is to provide a general understanding of possible managerial approaches to particular problems, teaching students how to assess what actions are appropriate in various situations that arise on the job. It employs case studies, experiential exercises, teamwork, discussions, and papers to apply theoretical concepts to real organizational and managerial problems.

2 hr./wk.; 3 cr.

C0021 Information and Technology Management
This course is designed to provide a broad overview of the issues managers face in the process of managing technology in organizations, as well as some theoretical background on information systems (IS). As the information explosion continues, economies become global, and competition increases, information technology (IT) is being used as a tool to implement business strategies and gain competitive advantage, not merely to support business operations. Knowledge of IS and IT is essential in an increasingly competitive and technological business climate. Today IS/IT no longer is simply used to support the business, but rather to radically transform the very basis for competition. However, students will also learn that the management of information is above all about people. To this end, a substantial portion of this course is dedicated to the social implications of IT.

2 hr./wk.; 3 cr.

C0023 Health Policy
United States spent 2.6 trillion dollars on healthcare in 2010. That's $8040 per capita and 17.9% of its GDP. This course aims at training students to develop an ability to analyze health policy questions from an economic perspective. The course encompasses current trends in health policy issues, both domestic and global. Students will also be introduced to accessing basic health databases.

2 hr./wk.; 3 cr.

New Course: Behavioural Economics

The primary goal of this course is an introduction to the insights gained from incorporating psychology into economic modeling, an approach referred to as behavioral economics. We will gain an overview over the topics in this new and fast-growing field by sampling original contributions. Thus, the course is expected to involve a lot of reading, complemented by exams, presentations, and problem sets intended to drill students' abilities to digest and communicate the content of the journal articles.
involved. Interested students may also be given the option to develop an original piece of research in behavioral economics.

2 hr./wk.; 3 cr.

**B9900 Thesis Preparatory Course**

In order to take this course, the student must have completed at least 27 MA level credits. (These must include the four core courses for the MA.) The student must meet with a faculty mentor and complete a form similar to the one required for Independent Study courses. The form must be signed off by the mentor, and reviewed and signed by the MA Program Director and the Department Chair. The faculty mentor will decide the minimal requirements that must be attained and completed before a grade may be granted for this course. These requirements will be explicitly stated in the form mentioned above. At a minimum, the requirements must include a clear statement of the title of the proposed thesis. The following must be provided:

1. A clear statement of hypothesis.
2. A clear statement of a methodology. Typically, this will include an explicitly articulated model.
3. A clear explanation of how inferences will be drawn from the model.
4. A clear statement of the data that will be used, including the source.

Disclosure: All courses are subject to changes.

Updated Spring 2014