

Part A: Academic Matters

Section AI: Special Actions

AI. 1

Change in Doctor of Professional Studies (DPS) program in Business, Baruch College, Zicklin

School of Business (HEGIS Code: 0501.00; Program Code 38259: NY State Approval Program Approval Letter dated July 25, 2016): Change in admission and transfer credit requirements

The following revises the program proposal submitted to the State of New York:

RESOLVED, that candidates must have a graduate degree from an accredited college or university. ~~We require prior~~

~~graduate-level courses in each of these six disciplines: accountancy, economics, finance, marketing, management,~~

~~statistics/information systems.~~

There are 18 credits of prerequisites from a prior graduate degree (or courses even if a degree wasn't awarded) applied toward the executive business doctorate degree, provided that:

- ~~• he or she completed the courses with grades of B or higher within an appropriate period preceding the time of application,~~
- ~~• the courses were taken at a regionally- or AACSB-accredited school, and~~
- ~~• they are equivalent to comparable ones at the Zicklin School of Business.~~

credits from prior graduate studies were completed in a recognized college or university and reflect academic coverage in the candidates designated area of research interest. The courses are subject to evaluation by the program's executive director and admissions committee.

~~Evaluation of prerequisites is subject to the approval of the EBD program Academic Director.~~

Any student with a deficiency in ~~any of these areas~~ prerequisites will be able to make up the deficiency with approved

courses completed in the core MBA program at Baruch, or other AACSB-accredited institution or another recognized, accredited institution. Thus, a candidate who does not have an MBA or related MS degree, may be conditionally can be admitted to the program, and will be advised by the admissions committee of specific courses needed to graduate. and will be formally admitted only once he or she has completed these courses. This applies to a candidate who has significant business experience but no prior graduate business courses.

The executive doctorate in business program requires 60 graduate-level credits, the passing of Examinations 1 and 2, and a publicly-defended dissertation. The typical student will be allowed to transfer 18 credits from an accredited Master's program or by taking graduate-level courses at a recognized accredited university. An assessment of all transfer credits will be conducted and approved by the executive director and the admissions committee.

EXPLANATION: Schools such as Oxford and Cambridge, to this day, are not listed as AACSB accredited. AACSB

accreditation is relatively new on the world stage. Even if a school is accredited today, our executive applicants graduated

10-15 years ago, and technically they did not take courses from an AACSB school. There will be a thorough, overall vetting of student credentials to provide the necessary information for admissions decisions.

We currently require prior graduate-level courses in each of the following disciplines: accountancy, economics, finance,

marketing, management, statistics, and information systems. This poses several problems:

A CPA partner in a big 4 accounting firm likely graduated with only a BA degree 15 plus years ago when State licensing

agencies only asked for 120 credits to sit the CPA exam. So we would require a partner to take a Masters level accounting class under this rule.

The requirement for coverage in each of these disciplines is beyond what we ask for in a PhD program. This is also not

comparable to any other program that we could find executives have broad bases of experience and would have been exposed to many areas covered in the specified disciplines.

Effective for students admitted Fall 2017 or later.

Approved by the DPS in Business Executive Committee, April 12, 2018.

A1. 2

Center for Trading and Financial Markets Research

Resolved: The Board of Trustees of the University of the City of New York approves the creation of a Center for Trading and Financial Markets Research, to be housed within the Zicklin School of Business at Baruch College, effective September 1, 2018. The Center will be financed by a \$5 million gift already received.

Explanation: Through research, conferences, curriculum development, and outreach to other universities nationally and internationally, the Center will serve as a focus for promoting the understanding of the importance/complexities/challenges of trading in financial markets and for its role as a critical component of finance education.

Section All: Changes in Degree Programs

AIII. 1 The following revisions are proposed for the Executive MBA in Healthcare Administration in the Zicklin School of Business

Program: Executive MBA in Healthcare Administration

HEGIS Code: 120200

Program Code: 01952

Effective: January 2019

From: Executive MBA in Healthcare Administration			To: Executive MBA in Healthcare Administration		
Course	Description	Crs	Course	Description	Crs
Courses in Specialization (49.5 credits)			Courses in Specialization (49.5 credits)		
Required Courses (49.5 credits)			Required Courses (24 credits)		
STA 9708	Managerial Statistics	3	STA 9708	Managerial Statistics	3
BUS 9100	Societal and Governmental Environment of Business	3	BUS 9100	Societal and Governmental Environment of Business	3
LAW 9213	Legal Aspects of Health Care Admin	3	LAW 9213	Legal Aspects of Health Care Admin	3
MGT 9600	Strategy and Competitive Advantage	3	MGT 9600	Strategy and Competitive Advantage	3
MGT 9301	Managing People and Organizations	3	MGT 9301	Managing People and Organizations	3
ECO 9766	Healthcare Economics	3	ECO 9766	Healthcare Economics	3
IBS 9763	Global Perspectives in Healthcare Management	1.5	IBS 9763	Global Perspectives in Healthcare Management	1.5
MGT 9994	Special Topics in Entrepreneurship: Healthcare Ventures	3	MGT 9994	Special Topics in Entrepreneurship: Healthcare Ventures	3
IBS 9791	Special Topics in International Business: International Study Tour	1.5	IBS 9791	Special Topics in International Business: International Study Tour	1.5
ACC 9110	Financial Accounting	3	Functional Skills Courses (9 credits)		
FIN 9770	Corporate Finance	3	Choose 9 credits from the list below:		
MKT 9703	Marketing Management	3	<u>ACC 9110</u>	<u>Financial Accounting</u>	<u>3</u>
MGT 9700	Managing Business Operations	3	<u>FIN 9770</u>	<u>Corporate Finance</u>	<u>3</u>
MGT 9722	Healthcare Informatics and Quality	3	<u>MKT 9703</u>	<u>Marketing Management</u>	<u>3</u>
ACC 9313	Managerial Accounting and Applications to Healthcare	3	<u>MGT 9700</u>	<u>Managing Business Operations</u>	<u>3</u>
BUS 9793	Special Topics in Sustainable Business: Emerging Issues In	3	<u>CIS 9000</u>	<u>Information Technology Strategy</u>	<u>3</u>

	the Healthcare Industry			
MGT 9330	Leadership and Managerial Effectiveness	3	MGT 9722	Healthcare Informatics and Quality
ECO 9792	Special Topics in Economics: Population Health Assessment	1.5	<u>Elective Courses (16.5 credits)</u>	

Rationale: The current program designates all of its courses included in the 49.5 credits as “required.” This proposed change designates 33 of the 49.5 credits as “Required,” and allows 16.5 credits to be offered as “Electives.” The new “Required” course list conforms to the general MBA requirements and remains unchanged. Designating the other courses as “Electives” allows the Program’s curriculum committee to incorporate topics that address most recent developments in the healthcare industry, the most turbulent of all sectors in the US economy. In addition, it provides staffing flexibility and the opportunity to navigate through difficulties that arise from the limited availability of high-caliber instructors.

The electives are to be designated by the academic administration in order to 1) preserve the cohort format of the program; and 2) provide timely and relevant course offerings that address recent developments in the healthcare industry.

Approved by the Executive MBA in Healthcare Administration Curriculum Committee on Dec. 11, 2017.

Section AIV: New Courses

The following recommendations of the Executive Committee of the Doctor of Professional Studies in Business program were approved at the Zicklin School of Business faculty Meeting on October 12, 2017, effective the Fall 2017 semester. The courses are being submitted to the Chancellor’s Report for the record, and for CUNYfirst administrative purposes, at this time. The courses are in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259.

AIV. 1.1

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Research Methods
Course Prefix	DBA
Course Number	90101
Course Title	Research Design and Methodology
Catalogue Description	In this seminar, students learn how to design and execute research that produces quantitative data for analysis. The seminar introduces the students to methodologies such as experiments, field studies, and surveys, along with their possibilities and limitations. The selection of methods is presented in the larger context of the overall research process, which includes conception, design, and execution. In this context, students learn how to progress from theoretical research questions to scientifically rigorous research designs, and how to

	interpret the results of their studies. Students will be exposed to foundational readings in Research Methods, as well as recent research studies using quantitative methods. With the knowledge gained from these sources and their application in a semester-long project, students will develop a strong understanding of how to design sound empirical studies and how to produce academically rigorous and practically relevant research.
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctor of Professional Studies in Business program to conduct graduate level research, they need to have advanced research methods training. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.2

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Research Methods
Course Prefix	DBA
Course Number	90102
Course Title	Econometric Methods for Business Research I
Catalogue	The objective of the course is to provide an introduction to models and

Description	techniques that are useful to conduct business research. The goal is to enable students to competently apply the methods and to assess the empirical validity of the assumptions to conduct inference. The course will discuss concepts from probability and statistics, estimation and inference in the multiple linear regression model, functional forms, as well as qualitative choice models and time series models. Several applications will be discussed in class to demonstrate the relevance of these techniques to marketing, management, accounting, and finance.
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctor of Professional Studies in Business program to conduct graduate level research, they need to have advanced econometric methods training. This course was approved by the Zicklin School of Business faculty on October, 12, 2017 and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.3

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Leadership Theory
Course Prefix	DBA

Course Number	90103
Course Title	Foundations of Leadership Theory and Competency
Catalogue Description	The objective of this course is to provide students with the knowledge and skills to understand the multidisciplinary academic field of leadership. Through a systematic study, students will examine the major theories and empirical research used to lead and manage people, teams, and organizations. It aims to help students develop critical leadership skills through understanding, critical appreciation, and application of the theories, tools, and techniques of historical and contemporary management thought. It is known that individual, team, organizational, community and societal success is largely determined by the ability of individuals to lead and follow in complex situations with integrity, authenticity, ethics, and a pragmatic sense of community, societal and global understanding. Given the search for this understanding is both elusive and complex, the instructor will primarily focus on a rich and multi-faceted understanding of leadership, emergent leadership theory and practice, and the formulation of one's own personal stance on the theory and practice of leadership.
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	[] Yes [X] No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: Doctoral students are provided with current theories of leadership. This provides a link between theory and practice needed for doctoral studies in the program. This course was approved by the Zicklin School of Business faculty on October, 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.4

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Qualitative research
Course Prefix	DBA
Course Number	90111
Course Title	Qualitative Methods in Business Research
Catalogue Description	<p>This course is designed as an introductory seminar on qualitative research as it is used in the field of business. The course balances the acquisition of basic knowledge about the conduct of qualitative research with the application of that knowledge to business research. The balance is reflected in the reading material, which consists of basic texts and exemplary studies from leading business research journals. The course introduces the student to various qualitative research approaches, with a focus on case study research, action research, ethnographic research, and grounded theory.</p> <p>The course covers several data collection techniques that are widely used in qualitative research, such as interviews, participant observation, focus groups, fieldwork, and using internet communications and social media. Students are introduced to data coding, memo writing, theoretical sampling, data presentation, and the use of qualitative data analysis software. Perspectives on what it means to draw conclusions and build theory from qualitative data are explored. Students will be given the opportunity to apply what they have learned in project work. The course concludes with some guidance on how to write and publish qualitative research.</p>
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society

	___ Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October, 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.5

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Research Design and Methodology
Course Prefix	DBA
Course Number	90112
Course Title	Econometric Methods for Business Research II
Catalogue Description	This is a course on multivariate statistical methods for econometricians and empirical researchers in other business disciplines. We begin with descriptive statistics (graphical and numerical summaries) for multivariate data, and review the basics of matrix algebra. We then develop some probability theory for random vectors and matrices (specifically the multivariate normal and related distributions), which gives us a foundation for inference about one, two, or many mean vectors (MANOVA). We then move on to exploratory and inferential multivariate methods including: discrimination and classification, canonical correlation, principal component analysis, factor analysis, clustering and multidimensional scaling. The emphasis throughout will be on the application of statistical methods to real data from marketing, management, accounting and finance.
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	___ Major ___ Gen Ed Required ___ Gen Ed - Flexible ___ Gen Ed - College Option ___ English Composition ___ World Cultures

	<input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October, 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.6

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Economics and Competition
Course Prefix	DBA
Course Number	90113
Course Title	Competition Analysis and Regulation
Catalogue Description	<p>The objective of this course is to twofold. First, the course aims at understanding how market structure shapes a firm's competitive behavior and its impact on prices and consumer welfare. A second objective is to identify the relevant policy tools for each type of market structure. The center of attention will be firms' strategic behavior, and the emphasis will be on how the competition, economic environment, and structure of demand shape firms' decisions. Ultimately, the goal is to address the question of firm and market regulation, showing that different situations call for different policies.</p> <p>The course will consist of a mix of theoretical and practical applications using case studies. Students will learn how to use basic game theory to analyze competition and see the similarities or disparities between different types of markets. The course will also offer the opportunity to put microeconomics "in practice" by studying how consumer behavior and firms' decisions can shape economic outcomes. Emphasis will be placed on how economic theory can help to analyze and lead to a deeper understanding of market competition. The course will also devote a great amount of time to study and discussion of various regulatory policies by considering both theoretical approaches to market regulation and case studies.</p>
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3

Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October, 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV 1.7

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Business
Course Prefix	DBA
Course Number	90120
Course Title	Position Paper Research
Catalogue Description	Preparation for the initial research paper.
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program. Course is graded Pass/Fail.
Credits	1
Contact Hours	1
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Course Attribute (e.g. Writing Intensive, Honors, etc.)	The summer position paper is an independent research paper demonstrating the ability to apply the concepts learned in the program to a research area of their interest. Pass/Fail grading
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. Students will take this course in Year 1, Summer Session. This course was approved by the Zicklin School of Business faculty on October, 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes. Note: Pass/fail grading was approved by the Zicklin faculty, but inadvertently omitted from the NYSED proposal.

AIV. 1.8

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Marketing
Course Prefix	DBA
Course Number	90201
Course Title	Understanding the Consumer Journey
Catalogue Description	<i>Advertising Age</i> recently declared: "The Customer Journey Officer is the new CMO." Defined as the complete sum of experiences that customers go through when interacting with a company and brand, a clear and actionable understanding of the customer journey is increasingly essential to success in today's marketplace. This course focuses on a conceptual understanding of the customer journey, not from the perspective of the brand or company, as is typically the case in the business world, but from the perspective of the consumer her or himself. The core premise of the course is that the customer journey can be most meaningfully understood as a problem-solving process,

	and it works through each step of this process, with the goal of engendering novel and useful ways of thinking about, and ultimately harnessing this journey for business success.
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October, 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.9

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Finance
Course Prefix	DBA
Course Number	90202
Course Title	International Corporate Finance and Governance
Catalogue Description	The primary objective of this course is to provide students with the knowledge and skills necessary to understand and analyze the relationships among corporate financial policy, corporate governance, and international financial

	markets to create shareholder value. In this context, the course will focus on raising capital overseas via cross-listings, investing capital through cross-border mergers and acquisitions, raising/investing international venture capital and conducting IPOs, payout/repurchase decisions around the world, and understanding how corporate governance mechanisms at the firm- and country-levels might potentially curb management misappropriation and/or dominant investors' ability to expropriate minority investors (through excessive perquisites and compensation, overinvestment, cronyism, self-dealing, diversion of corporate resources for personal consumption, and outright theft). In short, the course will examine investment, financing, and payout decisions in the international context.
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.10

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial

Subject Area	Management
Course Prefix	DBA
Course Number	90203
Course Title	Ideation, Technology, and Entrepreneurship
Catalogue Description	<p>This course introduces and explores the fundamental building-blocks and concepts of entrepreneurship. Innovation, conceptual thinking as developed through an “ideation” process, is validated by such technology supported resources as: analytics, crowd sourcing, crowd funding social analytics. Students will review and apply current research and the latest studies in this emerging field.</p> <p>Students will develop a strategic foundation that will facilitate their deployment in related areas of research and development. Instructors will present a mix of cutting-edge empirical findings and knowledge and student will apply this knowledge in active, practical research application based exercises.</p> <p>The course requires both online and class participation in a wide range of related topics and their application. While the course is designed for students with technical or non-technical backgrounds it requires preparation and continuous active participation.</p>
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor’s Report for the record and for CUNYfirst

administrative purposes.

AIV. 1.11

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Management
Course Prefix	DBA
Course Number	90204
Course Title	Management of Innovation
Catalogue Description	<p>Innovation, the successful introduction of a new device, method, or material, is acknowledged to be the most important driver of competitive success in many industries and has crucial impact for societal and economic development. Interest in management of innovation has traditionally centered on firm-internal aspects, such as the organization of internal innovation processes, activities and collaborators, and how to deal with the dynamics stemming from industrial or technological changes. In recent years, however, there has been a surge in interest among scholars and practitioners in methods, tools, and approaches that allow firms to tap firm-external sources and (social) networks to fill their innovation pipelines. The emergence of this phenomenon has given rise to novel and promising research agendas for the years to come and has been associated with labels such as open and user innovation, crowd sourcing, and open source.</p> <p>In acknowledgement of this development, the aim of this class is to provide students with an advanced understanding of the management of innovation and covers a broad range of literature from foundational theories to most recent research in the field. Given the interdisciplinary nature of the field, the course will reflect the theoretical underpinnings of management of innovation in related research streams such as organization theory, management science, organizational economics, psychology, and sociology to tackle the different levels of analysis of innovation: on the individual, group, organizational, and industry levels. The course will thereby address particularly the challenges, research questions and (practical) implications related to product and service innovation with substantial elements of technological change.</p>
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course	_____ Major

Applicability	<input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail
	<input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.12

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Management
Course Prefix	DBA
Course Number	90205
Course Title	Human Capital and the Triple Bottom Line
Catalogue Description	<p>The objective of this course is to provide students with the knowledge and skills necessary to understand and analyze the relationship between organizational productivity and human capital variables. In this context, human capital is conceptualized as the knowledge, skills, ability, and personal characteristics that drive employee behavior. Organizational productivity is conceptualized broadly as the "triple bottom line" – the interconnectedness of economic, social, and environmental performance.</p> <p>The instructor will present a mix of cutting-edge empirical findings and knowledge gleaned from practical applications of organizational behavior and talent management research. Students will gain a strong understanding of how organizational-level variables relate to (and motivate) employees' responsible behaviors; how to select, train, and lead for individual productivity and responsibility; and how to use people-based analytics to improve organizational productivity.</p>
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program

Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.13

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Information Systems
Course Prefix	DBA
Course Number	90206
Course Title	Understanding the Employee and the Customer as Users of Technology
Catalogue Description	<p>In this seminar, students will review key studies on the impact of technology on individual users as a way to better understand employee and consumer behavior. The course highlights a number of theories and empirical research methods for identifying and understanding key issues for users of technology that are important to most businesses.</p> <p>The instructor will present a mix of cutting-edge empirical findings and knowledge gleaned from established and emerging theories in information</p>

	systems, psychology, and marketing research. Students will gain a strong understanding of how the interaction of users with technology impacts the way they work, both individually and in groups, and how they manage processes and other employees in an organization. Students will also learn about the different ways in which technology continuously defines and changes consumer behavior.
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <hr/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.14

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Information Systems
Course Prefix	DBA
Course Number	90207
Course Title	Information-based Strategies

Catalogue Description	<p>The field of strategy is constantly evolving as the competitive environment facing firms changes. One of the most significant changes has been the dramatically falling costs and increasing speeds and volumes of transmitting and processing of information. This ongoing phenomenon is changing the structure of entire industries and is altering the profitable opportunities available to many firms. The ability to target profitable market segments and to identify individual customers is reducing the value of scale-based operations and the strategic advantage of large firms with existing market share. The ability to monitor the performance of business units abroad, without regard to distance or time zones, is increasing the value of cooperative partnerships. This is leading to greater reliance upon outsourcing, benefiting manufacturing as well as many service industries. At the same time, the impact of information technology on the transparency and efficiency of securities markets is destroying the profits of entire segments of financial services. All aspects of the firm - production, service, sales, marketing, and strategy - are affected.</p> <p>The increase in information available to firms, and the increasing variety of strategies available for the use of information - from dynamic repricing to online distribution, from labor productivity enhancements to labor arbitrage, and automation and outsourcing - requires a revision of strategic decision-making models in an increasingly digital age. Clearly, some firms will win and others will lose; nearly all will have to change. And yet, fundamental laws of economics have not been repealed. How can previous economic theory, and previous experience with rapid technological change, provide insights for the development of sound, information-based strategies? To answer this question, the course integrates recent experience in the impact of information technology upon diverse industries with relevant theory.</p>
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	____ Major ____ Gen Ed Required ____ Gen Ed - Flexible ____ Gen Ed - College Option ____ English Composition ____ World Cultures ____ Mathematics ____ US Experience in its Diversity College Option Detail ____ Science ____ Creative Expression ____ Individual and Society ____ Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor’s Report for the record and for CUNYfirst administrative purposes.

AIV. 1.15

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Information Systems
Course Prefix	DBA
Course Number	90208
Course Title	Technology-driven Organizational Change
Catalogue Description	<p>The main aim of this research seminar is to gain a broad understanding of how Information Technology is transforming contemporary organizations. We will utilize readings from a variety of sources – recent research articles, selections from relevant books and cases – to explore both the strategic and business value implications of IT. Specifically, on the strategic side of the ledger, we will investigate how firms are leveraging business and IT strategies to enhance value for customers as well as the evolution of business and technical platforms that enable these transformations. The business implications theme will focus on IT investment value pathways, IT Governance, IT Risk Management among other areas.</p> <p>A secondary but a critical objective of the course will be to introduce students to additional research methods that will complement the concepts they have learned in the first year of the program. The course will provide a brief overview of Social Network Analysis, Machine Learning, and Fuzzy Set Qualitative Comparative Analysis (fsQCA) among others. Please note that these methods are introduced as a way of studying the primary topics in the course. For example, fsQCA will be introduced when studying how “IT can help organizations build a strategic advantage in turbulent environments” (El Sawy et al., 2010). Machine Learning concepts will be introduced when studying the impact of Big Data.</p>
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	

Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail
	<input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 1.16

CUNYfirst Course ID	
Department(s)	Zicklin School of Business
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Marketing
Course Prefix	DBA
Course Number	90209
Course Title	Marketing Communications Strategy
Catalogue Description	The design of effective marketing communications strategies must be based on a careful consideration of (a) how target customers process information and (b) the firm's objectives and performance expectations. Current research in both of those factors will be studied and analyzed for insights into best practices
Pre/ Co Requisites	Open to students in the Doctor of Professional Studies in Business program
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major

	<input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2017

Rationale: In order for the students in the Doctoral program to conduct graduate level research, they need to have advanced research methods training. This course was approved by the Zicklin School of Business faculty on October 12, 2017, and appears in the proposal for a new degree program approved by the New York State Education Department on July 25, 2016: HEGIS Code 0501.00; Program Code 38259. The course is being submitted to the Chancellor's Report for the record and for CUNYfirst administrative purposes.

AIV. 2

CUNYfirst Course ID	
Department(s)	Paul H. Chook Department of Information Systems & Statistics
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Information Systems
Course Prefix	CIS
Course Number	9558
Course Title	Information Technology Audit
Catalogue Description	This course covers, at both the conceptual and practitioner levels, the audit and control of computer information systems. Topics covered include audit considerations of project development, database administration, cybersecurity, controls of data, assessment of data integrity, efficiency, and effectiveness, and industry standards for IT audit.
Pre or Corequisite	None
Credits	3
Contact Hours	3
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option

	<input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail _____ <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2018

Rationale: With information technologies now fully woven into business models and processes, various industry players are paying much more attention to the management of their IT resources. This course will augment our graduate offerings in the areas of data assurance and cybersecurity, and is an elective in the MS/IS program. The content is targeted to IS, Accountancy, and Operations Management students, but its content is relevant to all business disciplines. This course has been offered for several semesters as a special topics course, with enrollments running around 20-25 students per semester.

Approved by the Paul H. Chook Department of Information Systems & Statistics, September 12 2017. The Change to Program form, indicating the addition of this course as an elective in the MS/IS program, appears in the January 2018 Chancellor's Report, where this New Course form should also have been included.

Section AV: Changes in Existing Courses

AV. 1

CUNYFirst Course ID			
FROM		TO	
Departments	Narendra Paul Loomba Department of Management	Departments	Narendra Paul Loomba Department of Management
Course	BUS 9601: Business Consulting	Course	BUS 9601: Business Consulting
Prerequisite	26 credits	Prerequisite	<u>All foundational and fundamental skills courses (18 credits) and nine credits of functional skills courses (9 credits).</u> <u>ECO 9730 (Firms in the Global Economy) AND IBS 9600 (Introduction to</u>

			<u>International Business AND LAW 9201 (Overview of Business Law and Ethics) AND MGT 9200 (Business and Society Relationships) AND MGT 9301 (Managing People and Organizations) AND MGT 9600 (Strategy and Competitive Advantage) AND STA 9708 (Managerial Statistics) AND [BUS 9558 (Business Communication) OR [BUS 9551 (Business Communication I) AND (BUS 9552 (Business Communication II) OR BUS 9553 (Business Communication II))]]</u>
Hours	3	Hours	3
Credits	3	Credits	3
Description		Description	
Requirement Designation		Requirement Designation	
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)		Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and	Course Applicability	<input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and

	Society ____ Scientific World ____ Gen Ed – College Option College Option Detail		Society ____ Scientific World
Effective Term	Spring 2019		

Rationale: This course is designed to be a culminating experience, which builds off of the foundational/fundamental skills courses and the student’s chosen functional skills and electives. The previous requirement was to have completed 26 (of 57) credits, but did not specify which courses were required. The review of the initial launch of this course as a culminating experience identified a need for students to share a common course background. Therefore, we propose that all foundational/fundamental skills courses and 9 credits of functional skills courses are completed prior to enrolling in BUS 9601.

AV. 2

CUNYFirst Course ID			
FROM		TO	
Departments	Paul H.Chook Department of Information Systems and Statistics	Departments	Paul H.Chook Department of Information Systems and Statistics
Course	CIS 9655: Data Visualization	Course	CIS 9655: Data Visualization
Pre or corequisite	CIS 9310 or CIS 9650	Pre or corequisite	<u>CIS 9310 or CIS 9650 (pre or co-requisite)</u>
Hours	3	Hours	3
Credits	3	Credits	3
Description	This course examines how to transform data into visual representations so that decision makers can effectively use interactive visualization for analytical reasoning. Topics covered in this course include 1) analytical reasoning techniques, 2) visual representations and interaction techniques, 3)	Description	<u>This course examines how to design and use interactive visualization for analytical reasoning. Students need to be competent in the basics of programming to register for the course (preferably a programming language that is used for data analytics).</u> Topics

	<p>data</p> <p>representation and transformation, and</p> <p>4) techniques to support production,</p> <p>presentation and dissemination of the</p> <p>results. This course will blend various</p> <p>theoretical and applied technical</p> <p>concepts of visual analytics</p>		<p>covered in this course include 1)</p> <p>analytical reasoning techniques, 2)</p> <p>visual representations and interaction</p> <p>techniques, 3) data representation and</p> <p>transformation, and 4) techniques to</p> <p>support production, presentation and</p> <p>dissemination of the results. This</p> <p>course will blend various theoretical</p> <p>and applied technical concepts of visual analytics.</p>
Requirement Designation		Requirement Designation	
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)		Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<p><input type="checkbox"/> Major</p> <p><input type="checkbox"/> Gen Ed Required</p> <p><input type="checkbox"/> English Composition</p> <p><input type="checkbox"/> Mathematics</p> <p><input type="checkbox"/> Science</p> <p><input type="checkbox"/> Gen Ed Flexible</p> <p><input type="checkbox"/> World Cultures</p> <p><input type="checkbox"/> US Experience in its Diversity</p> <p><input type="checkbox"/> Creative Expression</p> <p><input type="checkbox"/> Individual and Society</p>	Course Applicability	<p><input type="checkbox"/> Major</p> <p><input type="checkbox"/> Gen Ed Required</p> <p><input type="checkbox"/> English Composition</p> <p><input type="checkbox"/> Mathematics</p> <p><input type="checkbox"/> Science</p> <p><input type="checkbox"/> Gen Ed Flexible</p> <p><input type="checkbox"/> World Cultures</p> <p><input type="checkbox"/> US Experience in its Diversity</p> <p><input type="checkbox"/> Creative Expression</p> <p><input type="checkbox"/> Individual and Society</p>

	_____ Scientific World _____ Gen Ed – College Option College Option Detail		_____ Scientific World
Effective Term	Spring 2019		

Rationale: The course is based on python-based visualization libraries. Students with just C++ background via CIS9310 have typically struggled in the course. They find it too burdensome to self-learn python (and python-based analytics) while simultaneously learning visualization theory and concepts. Removing CIS9310 as a pre-requisite and keeping only CIS9650 as either pre or co-requisite will ensure that students have python background and will be better prepared for the course.

Last Modified: April 10, 2018

Section AVI. Courses Withdrawn (Bert W. Wasserman Department of Economics and Finance)

AVI. 1.1

ECO 8000 Macroeconomics

Rationale: This course has been replaced by ECO 9740 Fundamentals of Macroeconomics that is required or an elective for MBA and MS students. The Department proposes to eliminate this course since all introductory macroeconomic content will be delivered through ECO 9740.

AVI. 1.2

ECO 9250 Health Care Economics & Finance

Rationale: Economics in the Health Care MBA is provided in the ECO 9766 course and covers the same content of this course. The Department proposes to eliminate this course and maintain only ECO 9766 as the vehicle to deliver economics content to the HCMBA.

AVI. 1.3

ECO 9700 Economic Analysis

Rationale: This course represented an introductory course that was offered for MBA students and covered both microeconomics and macroeconomics. For several decades we have moved to a separate offering of the two topics, currently in the form of ECO 9730 and ECO 9740 (both 1.5 credit courses). The Department is proposing to eliminate this course as the offering is most likely to continue in the current format.

AVI. 1.4

ECO 9704 Economic Analysis for Business Decisions

Rationale: This 3-credit course represented an introductory course that was offered for MBA students and covered both microeconomics and macroeconomics. For several decades we have moved to a separate offering of the two topics, currently in the form of ECO 9730 and ECO 9740 (both 1.5 credit courses). The Department is proposing to eliminate this course as the offering is most likely to continue

in the current format.

AVI. 1.5

ECO 9705 Managerial Economics

Rationale: The course is a 3 credit microeconomic course that was offered to MBA students. In the last 10 years the microeconomic content for MBA students has been delivered in the format of a 1.5 credit course called ECO 9730 Firms in the Global Economy which makes this course obsolete. The Department proposes to eliminate it from the catalogue.

AVI. 1.6

ECO 9705L ECO 9705 Lecture

Rationale: We propose also to eliminate the auxiliary ECO 9705L course in relation to the proposed elimination of ECO 9705.

AVI. 1.7

ECO 9707 Economic Fluctuations & Forecasting

Rationale: The content of Economic Fluctuations & Forecasting used to be offered as an elective for MBA students majoring in Economics. Even before the elimination of majors, demand for this course was negligible given its limited business relevant content. The Department is thus proposing to eliminate the course from the curriculum since it is neither required nor an elective.

AVI. 1.8

ECO 9708 Microeconomics

Rationale: This course has been replaced by ECO 9730 Firms in the Global Economy that is required or an elective for MBA and MS students. The Department proposes to eliminate this course since all introductory microeconomic content will be delivered through ECO 9730.

AVI. 1.9

ECO 9709 Macroeconomics

Rationale: This course has been replaced by ECO 9740 Fundamentals of Macroeconomics that is required or an elective for MBA and MS students. The Department proposes to eliminate this course since all introductory macroeconomic content will be delivered through ECO 9740. This course carries the same name as ECO 8000, which we also propose to eliminate.

AVI. 1.10

ECO 9711 Environmental Economics

Rationale: The content of Environmental Economics used to be offered as an elective for MBA students majoring in Economics. Even before the elimination of majors, demand for this course was negligible given its limited business relevant content. The Department is thus proposing to eliminate the course from the curriculum since it is neither required nor an elective.

AVI. 1.11

ECO 9712 National Accounts Analysis & Fluctuations

Rationale: In the 1970s lots of emphasis was given to the construction and analysis of national accounts data. Since then, this topic is typically covered in the first week of an introductory macroeconomic course. The Department proposes to eliminate this course as it is obsolete and does not reflect current offering of economic courses.

AVI. 1.12

ECO 9714 Public Finance I

Rationale: The content of Public Finance I used to be offered as an elective for MBA students majoring in Economics. Even before the elimination of majors, demand for this course was negligible given its limited business relevant content. The Department is thus proposing to eliminate the course from the curriculum since it is neither required nor an elective.

AVI. 1.13

ECO 9730H Fundamentals of Microeconomics

Rationale: Since there is no honors program at the graduate level, it seems redundant to have an honors version of the course ECO 9730 Firms in the Global Economy. The Department proposes the elimination of this course.

AVI. 1.14

ECO 9731 Eco Development

Rationale: The content of Economic Development used to be offered as an elective for MBA students majoring in Economics. Even before the elimination of majors, demand for this course was negligible given its limited business relevant content. The Department is thus proposing to eliminate the course from the curriculum since it is neither required nor an elective.

AVI. 1.15

ECO 9760 Labor Economics

Rationale: The content of Labor Economics used to be offered as an elective for MBA students majoring in Economics. Even before the elimination of majors, demand for this course was negligible given its limited business relevant content. The Department is thus proposing to eliminate the course from the curriculum since it is neither required nor an elective.

AVI. 1.16

ECO 9774 Economics of Urban Areas

Rationale: The topic of this course broadly overlaps with graduate level offering from the Real Estate department. We propose to eliminate this course as it is not include as a required or elective on any of our programs and students can take RE courses as an alternative.

AVI. 1.17

ECO 9791 Special Topics in Economics

Rationale: The Department offers occasionally 1.5 or 3 credit courses on Special Topics, but never the 1 or 2 credit version. We thus propose to eliminate this 1-credit course.

AVI. 1.18

ECO 9793 Special Topics in Economics

Rationale: The Department occasionally offers 1.5 or 3 credit courses on Special Topics, but never the 1 or 2 credit version. We thus propose to eliminate this 2-credit course.

AVI. 1.19

ECO 99001 Research Method for Sem

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is not required or an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.20

ECO 99002 Research Seminar

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is not required or an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.21

ECO 99301 Research Methods for Thesis

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is not required or an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.22

ECO 99302 Thesis

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is not required or an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.23

FIN 105 Dummy Finance

Rationale: The Department could not find historical records on the rationale that lead to the creation of this course. The most likely interpretation is that this course was an introductory course in finance for graduate students, but that role is currently taken by FIN 9770 Corporate Finance. We thus propose to

eliminate FIN 105 from the catalogue.

AVI. 1.24

FIN 15 Executive MS in Finance

Rationale: The Department is not aware of the rationale for the existence of a FIN 15 course that carries the name of an Executive program. Providing a rationale for its elimination is thus challenging and the best we can argue is that it seems reasonable to eliminate what seems to be an error in the catalogue.

AVI. 1.25

FIN 6 MS in Finance

Rationale: The Department is not aware of the rationale for the existence of a FIN 6 that carries the name of an MS in Finance program. Providing a rationale for its elimination is thus challenging and the best we can argue is that it seems reasonable to eliminate what seems to be an error in the catalogue.

AVI. 1.26

FIN 9332 Seminar Hca Finance Management

Rationale: This course was used as a Special Topics course and was replaced with the use of dedicated 1, 1.5, 2, and 3 credit Special Topics courses. Since then it has not been used and the Department proposes its elimination.

AVI. 1.27

FIN 9740 Technical Analysis

Rationale: From its introduction, this course relied on a single adjunct lecturer to teach it and is believed to have been offered only once. The content is not academically rigorous and is practitioner oriented. The Department does offer such courses as shorter, 1.5 credit, special topics practitioner-taught courses and plans to include Technical Analysis in that group. Hence, we propose to eliminate FIN 9740 from the catalogue.

AVI. 1.28

FIN 9741 Corporate Restructuring & Turnaround Management

Rationale: The content of this course is currently offered as FIN 9759 Mergers & Acquisitions, which represents a more up-to-date way of providing this content. The Department will continue offering FIN 9759 and proposes to eliminate this course from the catalogue as it is not required or an elective in any program.

AVI. 1.29

FIN 9758 Mergers

Rationale: The content of this course is currently offered as FIN 9759 Mergers & Acquisitions, which represents a more up-to-date way of providing this content. The Department will continue offering FIN 9759 and proposes to eliminate this course from the catalogue as it is not required or an elective in any program.

AVI. 1.30

FIN 9770L FIN 9770 Lecture

Rationale: FIN 9770 represents the introduction finance course for MBA students. However, the Department has never used this FIN 9770L course and there is no recollection of having created this course even among the senior colleagues. We thus propose to eliminate this course from the catalogue.

AVI. 1.31

FIN 9775 E-Finance

Rationale: The E-Finance course was developed in response to the internet boom of the late 90s, early 2000s. As far as we can tell it was never offered. Furthermore, while Internet and Finance continue to be an interesting area, the focus and even the terminology are changing fast. Hence, in the near future the Department plans to offer courses that focus on various aspects of interaction between Internet and Finance as Special Topics courses staffed by industry practitioners. We thus propose to eliminate FIN 9775 from the catalogue.

AVI. 1.32

FIN 9785 Financial Markets/Intermediaries

Rationale: This course on the microstructure of financial markets and the role of intermediaries is a very specialized course that has not been offered in recent years. Its content substantially overlaps with two other electives that the department keeps, FIN 9784 – Management of Financial Institutions and FIN 9789 Equity Markets – Trading and Structure. The Department proposes its elimination.

AVI. 1.33

FIN 9798 Analysis of Industrial Securities

Rationale: The analysis of industrial securities is now broadly referred to as Investment Analysis which is covered in FIN 9783 Investment Analysis and FIN 9793 Advanced Investment Analysis. The Department will continue offering these two courses which makes FIN 9798 redundant and we propose to eliminate it from the catalogue.

AVI. 1.34

FIN 9799 Municipal & State Securities

Rationale: This course is on a rather specialized subject that has been offered for many years as part of the course FIN 9881 Debt Securities. The Department considers very unlikely that we will return to offering this standalone course and we thus propose to eliminate it from the catalogue as it is not currently a required or elective course in any program.

AVI. 1.35

FIN 9890 Special Topics in Investments

Rationale: The Department offers occasionally 1.5 or 3 credit courses on Special Topics, but never the 1 or 2 credit version. We thus propose to eliminate this 1-credit course.

AVI. 1.36**FIN 9892 Special Topics in Investments**

Rationale: The Department offers occasionally 1.5 or 3 credit courses on Special Topics, but never the 1 or 2 credit version. We thus propose to eliminate this 2-credit course.

AVI. 1.37**FIN 9894 Special Topics in Corporate Finance**

Rationale: The Department offers occasionally 1.5 or 3 credit courses on Special Topics, but never the 1 or 2 credit version. We thus propose to eliminate this 1-credit course.

AVI. 1.38**FIN 9896 Special Topics in Corporate Finance**

Rationale: The Department offers occasionally 1.5 or 3 credit courses on Special Topics, but never the 1 or 2 credit version. We thus propose to eliminate this 2-credit course.

AVI. 1.39**FIN 99001 Research Methods for Investments and Finance**

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.40**FIN 99002 Research Seminar in Investments**

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.41**FIN 99011 Research Seminar in Corporate Finance I**

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.42**FIN 99012 Research Seminar in Corporate Finance II**

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had

6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.43

FIN 99001L FIN 99001/2 Lecture

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.44

FIN 99021 Research Seminar in International Finance I

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.45

FIN 99022 Research Seminar in International Finance II

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.46

FIN 99041 Research Seminar in Financial Institutions I

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.47

FIN 99042 Research Seminar in Financial Institutions II

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.48

FIN 99301 Research Methods for Thesis

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had

6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.49

FIN 99302 Thesis

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is neither required nor an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 1.50

FIN 9981 Selected Topics in Corporate Finance

Rationale: The Department offers occasionally "Topics" courses on current issues that might not be part of the existing curriculum. Since the course used for this type of offering is *FIN 9897 Special Topics in Corporate Finance*, we propose to eliminate 9981, which the Department is not planning to offer in the future, as it overlaps with the 9897.

AVI. 1.51

FIN 9983 Selected Topics in Investments

Rationale: The Department offers occasionally "Topics" courses on current issues that might not be part of the existing curriculum. Since the course used for this type of offering is *FIN 9893 Special Topics in Investments*, we propose to eliminate 9983, which the Department is not planning to offer in the future, as it overlaps with 9893.

AVI. 1.52

FIN 9851 Classical foundations of Risk Management

Rationale: This course was developed to provide the foundational knowledge to students in MS in Financial Risk Management (MSFRM) when the program was planned as an Executive program. The Department is now offering MSFRM as a regular MS program where students obtain the foundational knowledge from other required courses – FIN 9770, FIN 9783, ECO 9723. This makes FIN 9851 redundant (we have never offered FIN 9851) and we propose to eliminate it from the catalogue.

AVI. 1.53

INS 9720 Risk Management and Control

Rationale: Since the Department started offering the MS in Financial Risk Management the content of this course has been split in several specialized 1.5 credit courses that cover market, credit, and operational risk. We thus propose to eliminate this 3 credit course from the catalogue.

Section AVI. Courses Withdrawn (Paul H. Chook Department of Information Systems and Statistics)

AVI. 2.1

STA 7900 Statistics Elective

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by Special Topics courses.

AVI. 2.2

STA 851 Comp Sim In Bus Res

Rationale: We have not offered this course in many years and do not intend to offer it in the future. There is no record of this course in any of our degree programs.

AVI. 2.3

STA 8000 Introductory Business Statistics

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by STA 9708.

AVI. 2.4

STA 9000 Regression & Forecast

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course was originally intended for MBA students and has now been replaced by STA 9700.

AVI. 2.5

STA 9050 Statistical Analysis in Healthcare Administration

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course was originally a special course for MBA students in Healthcare Administration. It has now been replaced by STA 9708.

AVI. 2.6

STA 9100 Intermediate Statistical Methods with SAS

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by STA 9750.

AVI. 2.7

STA 9172 Applying Information, Research, and Analysis II

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course is offered under PAF 9172 and is no longer offered as STA 9172.

AVI. 2.8

STA 9470 Statistical Analysis for Public Administration

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course was offered for Public Administration students and is now offered as a PAF course.

AVI. 2.9

STA 9703 Introduction to Stochastic Processes

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by STA 9783.

AVI. 2.10

STA 9707 Mathematical Tools for Business

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course was offered as a preliminary course for the MS in statistics. It has now been replaced by MTH 3010 or equivalent.

AVI. 2.11

STA 9709 Advanced Statistical Methods

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by specialized advanced statistics courses.

AVI. 2.12

STA 9711 Advanced Sampling Theory & Practice

Rationale: We have not offered this course in many years and based on the direction of the MS program, we do not intend to offer it in the future.

AVI. 2.13

STA 9712 Advanced Linear Models

Rationale: We have not offered this course in many years and based on the direction of the MS program, and new courses developed for the Data Science track, we do not intend to offer it in the future.

AVI. 2.14

STA 9716 Nonparametric & Semiparametric Methods of Data Analysis

Rationale: We have not offered this course in many years and based on the direction of the MS program, and new courses develop for the Data Science track, do not intend to offer it in the future.

AVI. 2.15

STA 9751 Basic Electronic Data Processing

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by other specialized statistics courses.

AVI. 2.16

STA 9752 Numerical Methods for Computation

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by other specialized statistics courses.

AVI. 2.17

STA 9756 Advanced Computer Programming

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by STA 9850.

AVI. 2.18

STA 9768 System Design Plan & Operations

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by CIS graduate courses.

AVI. 2.19

STA 9771 Special Topics in Graphics

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by CIS graduate courses.

AVI. 2.20

STA 9800 Problem Solving, Computer Applications, and Research in Statistics

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has not been offered for any degree program in recent years.

AVI. 2.21

STA 99001 Research Methods for Seminar

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course has been replaced by special topics courses.

AVI. 2.22

STA 99301 Research Methods for Thesis

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is not required or an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 2.23

STA 99302 Research Methods for Thesis

Rationale: We have not offered this course in many years and do not intend to offer it in the future. A thesis is no longer an option for the MS in statistics.

AVI. 2.24

STA U702 Advanced Statistical Inference

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This was a doctoral course and is no longer offered. Students now take STA 9719.

AVI. 2.25

STA U880 Research Seminar in Quantitative Methods

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This was a doctoral course and is no longer offered.

AVI. 2.26

CIS 8000 Introduction to Microcomputers and Applications

Rationale: We have not offered this one credit course in many years and do not intend to offer it in the future. The contents of CIS 8000 have been replaced by CIS 9467 (3 credits).

AVI. 2.27

CIS 9100 Program Data and File Structure

Rationale: The department has moved its focus away from offering courses that are more suitable in the computer science engineering department. Instead the department has moved towards offering courses in the information systems area that examines the interaction among information technology, people, and business processes. CIS 9100 is one of those courses oriented towards computer science. Consequently, we have not offered this course in many years and do not intend to offer it in the future.

AVI. 2.28

CIS 9101 Computer Hardware Concepts

Rationale: The department has moved its focus away from offering courses that would be more suitable in a computer science engineering department. Instead the department has moved towards offering courses in the information systems area that examines the interaction among information technology, people, and business processes. CIS 9101 is one of those courses oriented towards computer science. Consequently, we have not offered this course in many years and do not intend to offer it in the future.

AVI. 2.29

CIS 9333 Information Technologies and the Small Business Enterprise

Rationale: We have not offered this course in many years and do not intend to offer it in the future. Some of the contents of CIS 9333 is now covered in CIS 9000. The Entrepreneurship program now offers more suitable courses that covers this topic.

AVI. 2.30

CIS 9365 Operating System Principles

Rationale: The department has moved its focus away from offering courses that would be more suitable

in a computer science engineering department. Instead the department has moved towards offering courses in the information systems area that examines the interaction among information technology, people, and business processes. CIS 9365 is one of those courses oriented towards computer science. Consequently, we have not offered this course in many years and do not intend to offer it in the future.

AVI. 2.31

CIS 9420 Mainframe Computer Applications in Business

Rationale: With the emergence of new technologies, this course is not as attractive to students as it was several decades ago. We have not offered this course in many years and do not intend to offer it in the future.

AVI. 2.32

CIS 9550 Emerging Trends in Information Technologies

Rationale: We have not offered this course in many years and do not intend to offer it in the future. We have identified several key trends with staying power and have created new courses (CIS 9444 eBusiness; CIS 9557 Business Analytics; CIS 9440 Data Warehousing and Analytics) that cover these specific technologies.

AVI. 2.33

CIS 9610 Business Applications of Expert Systems Technology

Rationale: With the emergence of a new breed of Artificial Intelligence techniques, this course is not as relevant to students as it was two decades ago. We have not offered this course in many years and do not intend to offer it in the future. The new breed of artificial intelligence applications are covered piecemeal in several IS and Stats courses.

AVI. 2.34

CIS 9741 Bus Data Process I

Rationale: We have not offered this course in many years and do not intend to offer it in the future. Some of the relevant content from this course is now covered in CIS 9440 Data Warehousing and Analytics and CIS 9700 Integrating Information Technology and Business Processes.

AVI. 2.35

CIS 9742 Bus Data Process II

Rationale: We have not offered this course in many years and do not intend to offer it in the future. Some of the relevant content from this course is now covered in CIS 9440 Data Warehousing and Analytics and CIS 9700 Integrating Information Technology and Business Processes.

AVI. 2.36

CIS 9743 Survey Communication Organization and Systems Software

Rationale: The department has moved its focus away from offering courses that would be more suitable in a computer science engineering department. Instead the department has moved towards offering courses in the information systems area that examines the interaction among information technology,

people, and business processed. CIS 9743 is one of those courses oriented towards computer science. Consequently, we have not offered this course in many years and do not intend to offer it in the future.

AVI. 2.37

CIS 9750 Computer Technology Quantitative Analysis

Rationale: The department has moved its focus away from offering courses that would be more suitable in a computer science engineering department. Instead the department has moved towards offering courses in the information systems area that examines the interaction among information technology, people, and business processed. CIS 9750 is one of those courses oriented towards computer science. Consequently, we have not offered this course in many years and do not intend to offer it in the future.

AVI. 2.38

CIS 9759 Advance Programming Business Applications

Rationale: We have not offered this course in many years and do not intend to offer it in the future. Instead we offer a range of programming courses in its place – CIS 9650, 9655, 9310 and 9410)

AVI. 2.39

CIS 9760 Computer Simulation for Business Problem Solving

Rationale: We have not offered this course in many years and do not intend to offer it in the future. The department offers OPR 9730 that provides a more comprehensive coverage of topics in simulation.

AVI. 2.40

CIS 9761 Discrete Programing Application Systems

Rationale: The department has moved its focus away from offering courses that would be more suitable in a computer science engineering department. Instead the department has moved towards offering courses in the information systems area that examines the interaction among information technology, people, and business processed. CIS 9761 is one of those courses oriented towards computer science. Consequently, we have not offered this course in many years and do not intend to offer it in the future.

AVI. 2.41

CIS 9762 Assembly Language and Assembler

Rationale: The department has moved its focus away from offering courses that would be more suitable in a computer science engineering department. Instead the department has moved towards offering courses in the information systems area that examines the interaction among information technology, people, and business processed. CIS 9762 is one of those courses oriented towards computer science. Consequently, we have not offered this course in many years and do not intend to offer it in the future.

AVI. 2.42

CIS 9764 Sorting Data Base Principles

Rationale: The department has moved its focus away from offering courses that would be more suitable in a computer science engineering department. Instead the department has moved towards offering courses in the information systems area that examines the interaction among information technology,

people, and business processes. CIS 9764 is one of those courses oriented towards computer science. Consequently, we have not offered this course in many years and do not intend to offer it in the future. In its place, we offer a course that is more suitable for the Business School: CIS 9340 Principles of Database Management Systems.

AVI. 2.43

CIS 9768 Systems Analysis and Design

Rationale: The department has moved its focus away from offering courses that would be more suitable in a computer science engineering department. Instead the department has moved towards offering courses in the information systems area that examines the interaction among information technology, people, and business processes. CIS 9768 is one of those courses oriented towards computer science. Consequently, we have not offered this course in many years and do not intend to offer it in the future. In its place, we offer a course that is more suitable for the Business School: CIS 9490 Systems Analysis and Design.

AVI. 2.44

CIS 9770 Microcomputers Applications

Rationale: This course was more relevant several decades ago when the impact of IT on business was still nascent. The department now offers several courses in its place that are more specific (CIS 9444; CIS 9557; CIS 9555; CIS 9556 among others). Consequently, we have not offered this course in many years and do not intend to offer it in the future.

AVI. 2.45

CIS 9776 Comparative Programming Languages

Rationale: The department has moved its focus away from offering courses that would be more suitable in a computer science engineering department. Instead the department has moved towards offering courses in the information systems area that examines the interaction among information technology, people, and business processes. CIS 9776 is one of those courses oriented towards computer science. Consequently, we have not offered this course in many years and do not intend to offer it in the future.

AVI. 2.46

CIS 9850 Advance Computer Technology for QA

Rationale: We have not offered this course in many years and do not intend to offer it in the future. The department now offers a more updated version of the course: CIS 9650 Programming for Analytics.

AVI. 2.47

CIS 99001 Res Method for Sem

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is not required or an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 2.48

CIS 99002 Research Seminar

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This was a doctoral course and is no longer offered.

AVI. 2.49

CIS 99301 Res Meth for Thesis

Rationale: We have not offered this course in many years and do not intend to offer it in the future. A thesis is no longer an option for the MS in IS.

AVI. 2.50

CIS 99302 Thesis

Rationale: We have not offered this course in many years and do not intend to offer it in the future. A thesis is no longer an option for the MS in IS.

Section AVI. Courses Withdrawn (Department of Law)

AVI. 3.1

LAW 9102 Partnerships, Limited Partnerships, and Corporations

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future. If the Department were to offer a course on business organizations, a faculty member would be asked to design a new course in the area. To the extent there are important topics covered in this course they are now included in other courses. Thus, the Department of Law proposes removing LAW 9102.

AVI. 3.2

LAW 9702 Law of Corporations

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future. If the Department were to offer a course specifically on business organizations, a faculty member would be asked to design a new course in the area. To the extent there are important topics covered in this course they are now included in other courses.

AVI. 3.3

LAW 9703 The Law of Negotiable Instruments

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future because: (1) it does not fit within the strategic plan of the Department; (2) there is no evident student demand for this course; and (3) the Department has no faculty to teach it.

AVI. 3.4

LAW 9704 Law of Sales

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no

plans to offer the course in the future because: (1) it does not fit within the strategic plan of the Department; (2) there is no evident student demand for this course; and (3) the Department has no faculty to teach it.

AVI. 3.5

LAW 9707 Law of Agency and Partnership

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future. If the Department were to offer a course, specifically on business organizations, it would not be limited to agency and partnership and a faculty member would be asked to design a new course in the area. To the extent there are important topics covered in this course they are now included in other courses.

AVI. 3.6

LAW 9712 Antitrust Laws

Rationale: This course has not been offered in the past 20 years. If the Department were to offer a course on Antitrust Law a faculty member would be asked to develop a new course in this area. Thus, the Department of Law proposes removing LAW 9712.

AVI. 3.7

LAW 9711 Unfair Trading Practices

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future. This course is completely out of date. The course description includes a reference to the “recent” BETAMAX case, which is a Supreme Court case from 1984. Thus, the Department of Law proposes removing LAW 9711.

AVI. 3.8

LAW 9715 Law and the Business Environment

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future. To the extent there are important topics covered in this course they are now included in Law 9000 (Legal and Ethical Environment of Business Law) and Law 9201 (Overview of Business Law and Ethics). Thus, the Department of Law proposes removing LAW 9715.

AVI. 3.9

LAW 9750 (PAF 9312) Law for the Educational Administrator

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future because: (1) it does not fit within the strategic plan of the Department; (2) there is no evident student demand for this course; and (3) the Department has no faculty to teach it.

AVI 3.10

LAW 9781 Secured Creditor Transactions

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no

plans to offer the course in the future because: (1) it does not fit within the strategic plan of the Department; (2) there is no evident student demand for this course; and (3) the Department has no faculty to teach it. Thus, the Department of Law proposes removing LAW 9781.

AVI. 3.11

LAW 9782 Law of Sec. Markets

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future. To the extent there are important topics covered in this course they are now included in other courses.

AVI. 3.12

LAW 9890 Special Topics in Law

Rationale: Currently the Department of Law has four “Special Topics” courses at the nine thousand level. This one-credit course has never been offered and the Department has no plans to offer it. The Department plans to retain the one and a half and three credit special topics courses.

AVI. 3.13

LAW 9892 Special Topics in Law

Rationale: Currently the Department of Law has four “Special Topics” courses at the nine thousand level. This two-credit course has never been offered and we have no plans to offer it. The Department plans to remove the one and two credit special topics courses and to retain the one and a half and three credit special topics courses.

Section AVI. Courses Withdrawn (Narendra Paul Loomba Department of Management)

AVI. 4.1

OPR 9704 Quantitative Analysis for Business Decisions

Rationale: We have not offered this course in over 20 years and do not intend to offer it in the future based on the direction of our MS in QMM program. Based on the title, it is presumed that some of the material included in this course is now covered in OPR 9721.

AVI. 4.2

OPR 9720 Decision Making Under Uncertainty

Rationale: We have not offered this course in over 20 years and do not intend to offer it in the future based on the direction of our MS in QMM program.

AVI. 4.3

OPR 9722 Linear Programming

Rationale: We have not offered this course in over 20 years and do not intend to offer it in the future based on the direction of our MS in QMM program.

AVI. 4.4

OPR 9729 Mathematical Programming Modeling Techniques

Rationale: We have not offered this course in over 20 years and do not intend to offer it in the future based on the direction of our MS in QMM program. Based on the title, it is presumed that some of the material included in this course is now covered in OPR 9724.

AVI. 4.5

OPR 99301 Research Methodology (Thesis I)

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is not required or an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 4.6

OPR 99302 Thesis (Thesis II)

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is not required or an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 4.7

OPR 9950 Master's Project

Rationale: This course was introduced in the 1980s to fulfill the requirement that graduate students had 6 credits of research methodology. Since then the requirement has been removed and the course is not required or an elective in any graduate program currently offered. The Department proposes to eliminate this course from the catalogue.

AVI. 4.8

BUS 9110 Business & Society

Rationale: This course was last taught in 2004 and was replaced by BUS 9100 (Business and Society). As a part of the restructuring of the MBA curriculum, this course has more recently been replaced by MGT 9200 (Business and Society Relationships) to incorporate updated content. MGT 9200 is a required foundational skills course for the MBA.

AVI. 4.9

MGT 9300 Management: A Behavioral Approach

Rationale: This course was replaced in the MBA core by MGT 9301 (Managing People and Organizations) and is not offered in other programs. Given the large redundancy between MGT 9300 and MGT 9301, the Department does not plan to offer this course again.

AVI. 4.10

MGT 9310 Management and Organization Theory

Rationale: This course has not been offered in decades, and no foreseeable demand exists. Content that is still relevant has been incorporated into the broader MGT 9301 (Managing People and Organizations).

AVI. 4.11

MGT 9320 Organizational Design and Behavior

Rationale: This course has not been offered in decades, and no foreseeable demand exists. Content that is still relevant has been incorporated into the broader MGT 9301 (Managing People and Organizations).

AVI. 4.12

MGT 9370 Research Methodology in Organization

Rationale: This course has not been offered in decades, and no foreseeable demand exists. Content that is still relevant has been incorporated into the broader MGT 9301 (Managing People and Organizations).

AVI. 4.13

MGT 9391 Special Topics in Organizational Behavior and Human Resource Management (One credit)

Rationale: This course was created to provide multiple options for special topics courses. It has never been offered and no foreseeable demand exists.

AVI. 4.14

MGT 9393 Special Topics in Organizational Behavior and Human Resource Management (Two credits)

Rationale: This course was created to provide multiple options for special topics courses. It has never been offered and no foreseeable demand exists.

AVI. 4.15

MGT 9430 Managerial Careers and Interpersonal Relations

Rationale: This course has not been offered in decades, and no foreseeable demand exists. Content that is still relevant has been incorporated into the broader MGT 9301 (Managing People and Organizations).

AVI. 4.16

MGT 9480 Dispute Resolution

Rationale: This course is largely redundant with MGT 9660 (Negotiation) and thus has not been offered in a decade. The Department has no plans to offer this narrower course.

AVI. 4.17

MGT 9494 Seminar in Labor Relations

Rationale: This course has not been offered in decades, and no foreseeable demand exists. The Department has no plans to offer this narrower course.

AVI. 4.18

MGT 9495 Capstone Research Seminar

Rationale: This course was part of a previous program's structure and is no longer offered.

AVI. 4.19

MGT 9702 Service Operations I

Rationale: This 1.5 credit course was replaced by MGT 9700 (Introduction to Operations Management), a 3 credit course, and is not offered in other programs.

AVI. 4.20

MGT 9704 Service Operations II

Rationale: This 1.5 credit course was replaced by MGT 9700 (Introduction to Operations Management), a 3 credit course, and is not offered in other programs.

Section AVI. Courses Withdrawn (Allen G. Aaronson Department of Marketing and International Business)

AVI. 5.1

MKT 9700 Sales Repres American Business

Rationale: This course is no longer relevant for our students due to the evolving business landscape, and has not been taught in several years. Therefore, we propose the deletion of MKT 9700.

AVI. 5.2

MKT 9711 Market Forecasting

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course is no longer relevant for our students due to the evolving business landscape, and so there is no demand for this course. Therefore, we propose the deletion of MKT 9711.

AVI. 5.3

MKT 9712 Qualitative Problems in Marketing

Rationale: The content of this course longer relevant for our students due to the evolving business landscape, and so there is no demand for this course. We have not offered this course in many years and do not intend to offer it in the future. Therefore, we propose the deletion of MKT 9712.

AVI. 5.4

MKT 9718 Communicating with Consumers

Rationale: This course is not topical for our students due to the evolving business landscape, and so

there is no demand for this course. We have not offered this course in many years and do not intend to offer it in the future. Therefore, we propose the deletion of MKT 9718.

AVI. 5.5

MKT 9720 Advertising Research

Rationale: The contents of this course are no longer relevant for our students due to the evolving business landscape, and so there is no demand for this course. We have not offered this course in many years and do not intend to offer it in the future. Therefore, we propose the deletion of MKT 9720.

AVI. 5.6

MKT 9725 Advertising Copy Techniques

Rationale: We have not offered this course in many years and do not intend to offer it in the future due to a lack of demand for this course. So, we propose deleting MKT 9725.

AVI. 5.7

MKT 9736 Direct Marketing II

Rationale: This course is no consistent with the evolving business landscape, and so there is no student demand for this course. We have not offered this course in many years and do not intend to offer it in the future. Therefore, we propose the deletion of MKT 9736.

AVI. 5.8

MKT 9754 Computer Applications for Marketing Managers

Rationale: We have not offered this course in many years and do not intend to offer it in the future due to a lack of demand for this course. So, we propose deleting MKT 9754.

AVI. 5.9

MKT 9757 Business Market Research

Rationale: This course is no longer relevant for our students due to the evolving business landscape, and so there is no demand for this course. We have not offered this course in many years and do not intend to offer it in the future. Therefore, we propose the deletion of MKT 9757.

AVI. 5.10

MKT 9761 International Commodity Trade

Rationale: We have not offered this course in many years and do not intend to offer it in the future. This course is no consistent with the evolving business landscape, and so there is no student demand for this course. Therefore, we propose the deletion of MKT 9761.

AVI. 5.11

MKT 9763 International Trade Operation

Rationale: This course is no longer relevant for our students due to the evolving business landscape,

and so there is no demand for this course. We have not offered this course in many years and do not intend to offer it in the future. Therefore, we propose the deletion of MKT 9763.

AVI. 5.12

MKT 9765 Comparative Marketing Systems

Rationale: The contents of this course are not pertinent to the current business landscape, and so there is no student demand for this course. We have not offered this course in many years and do not intend to offer it in the future. Therefore, we propose the deletion of MKT 9765.

AVI. 5.13

MKT 9770 International Transportation

Rationale: We have not offered this course in many years and do not intend to offer it in the future. The contents of this course are not pertinent to the current business landscape, and so there is no student demand for this course. Therefore, we propose the deletion of MKT 9770.

AVI. 5.14

MKT 9771 Transport & Container

Rationale: This course is no longer relevant for our students due to the evolving business landscape, and so there is no demand for this course. We have not offered this course in many years and do not intend to offer it in the future. Therefore, we propose the deletion of MKT 9771.

AVI. 5.15

MKT 9781 Internet & Entrepreneurship

Rationale: Due to the evolving business landscape, the contents of this course are no longer relevant for our students. We have not offered this course in many years and do not intend to offer it in the future. Therefore, we propose the deletion of MKT 9781.

AVI. 5.16

IBS 9600H International Business Fundamentals

Rationale: The IBS 9600 is offered as a core course, therefore eliminating the need for an Honors section for the same course. Therefore, we propose the deletion of IBS 9600H.

AVI. 5.17

IBS 9760 International Business Analysis

Rationale: This course has been replaced with IBS9600 and is therefore no longer offered. Therefore, we propose the deletion of IBS 9760.

AVI. 5.18

IBS 9762 The Global Competitiveness of the US Economy

Rationale: This course is no longer relevant for our students due to the evolving business landscape,

and so there is no demand for this course. We have not offered this course in many years and do not intend to offer it in the future. Therefore, we propose the deletion of IBS 9762.

AVI. 5.19

IMK 9761 International Commodity Trade

Rationale: The IMK course listings are obsolete and have not been offered for close to 20 years. We do not intend to offer these in the future. This course is also no longer relevant for our students due to the evolving business landscape, and so there is no demand for this course. Therefore, we propose the deletion of IMK 9761.

Section AVI. Courses Withdrawn (William Newman Department of Real Estate)

AVI. 6

RES 9000 Real Estate Principles

Rationale: This course has not been offered in over ten years. It is not part of the current curriculum of the department's MS in Real Estate program; therefore, we do not plan on offering the course in the future.

Part A: Academic Matters

The following recommendations of the committee on Undergraduate Curriculum were approved at the Zicklin School of Business faculty Meeting on April 26, 2018 effective Spring 2019 semester pending approval of the Board of Trustees.

Section AV: Changes in Existing Courses

AV:1 Change Course Prerequisite to be offered in the Paul H. Chook Department of Information Systems & Statistics

CUNYFirst Course ID	130266		
FROM		TO	
Departments	Paul H. Chook Department of Information Systems & Statistics		Paul H. Chook Department of Information Systems & Statistics
Course	CIS 4170 Data Visualization	Course	CIS 4170 Data Visualization
Pre-requisites	CIS 3100 or CIS 3120, No ZICK or ZKTP code required	Pre- requisites	<u>Pre or Co-requisite: CIS 3120, No ZICK or ZKTP code required</u>
Hours	3	Hours	3
Credits	3	Credits	3
Description	This course examines how to transform data into visual representations so that	Description	This course examines how to transform data into visual representations so that

	<p>decision makers can effectively use interactive visualization for analytical reasoning. Topics covered in this course include 1) analytical reasoning techniques, 2) visual representations and interaction techniques, 3) data representation and transformation, and 4) techniques to support production, presentation and dissemination of the results. This course will blend various theoretical and applied technical concepts of visual analytics.</p>		<p>decision makers can effectively use interactive visualization for analytical reasoning. Topics covered in this course include 1) analytical reasoning techniques, 2) visual representations and interaction techniques, 3) data representation and transformation, and 4) techniques to support production, presentation and dissemination of the results. This course will blend various theoretical and applied technical concepts of visual analytics.</p>
Requirement Designation	Business	Requirement Designation	Business
Liberal Arts	[] Yes [x] No	Liberal Arts	[] Yes [x] No
Course Attribute (e.g. Writing Intensive, Honors, etc)		Course Attribute (e.g. Writing Intensive, Honors, etc)	
Course Applicability	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	Course Applicability	<input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Gen Ed Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World

	_____ Gen Ed – College Option		
	College Option Detail		
Effective Term	Spring 2019		

Rationale: In CIS 4170, only the Python-based visualization libraries are used. Students who have taken only CIS 3100 (but not CIS 3120) learn C++ but not Python. Without any Python knowledge, the students struggle significantly in this course (CIS 4170), at times failing the course. It is too burdensome for the students to self-learn Python (and Python based analytics) while simultaneously learning visualization theory and concepts of this course. Removing CIS 3100 as an (acceptable alternate) prerequisite and leaving only CIS 3120 as a co- or pre- requisite will ensure that all students in CIS 4170 will have the necessary Python background for the course. Since the use of Python begins in the second half of CIS 4170, it is possible for students to take CIS 3120 at the same time as CIS 4170, so it can also be a co-requisite.

Section AVI. Courses Withdrawn (Department of Law)

AVI. 1.1

LAW 1012 Law and the Family

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future because: (1) it does not fit within the strategic plan of the department, (2) it is not vital for the study of the legal regulation of business and (3) the department has no faculty to teach it. Thus, the Department of Law proposes removing LAW 1012.

AVI. 1.2

LAW 3103 Law of Negotiable Instruments

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future because: (1) it does not fit within the strategic plan of the department; (2) there is no evident student demand for this course; and (3) the department has no faculty to teach it. Thus, the Department of Law proposes removing LAW 3103.

AVI. 1.3

LAW 3104 Law of Mercantile Transactions

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future because: (1) it does not fit within the strategic plan of the department; (2) there is no evident student demand for this course; (3) the department has no faculty to teach it; and (4) to the extent that there are important topics in this course, such material can be covered in other existing courses. Thus, the Department of Law proposes removing LAW 3104.

AVI. 1.4

LAW 3110 Debtor & Creditor Law

Rationale: This course has not been offered in the past 20 years, and the Department of Law has no plans to offer the course in the future because: (1) it does not fit within the strategic plan of the department; (2) there is no evident student demand for this course; and (3) the department has no faculty to teach it. If we ever hire

faculty with expertise in Bankruptcy and Restructuring, they would be asked to design a new course in the area. Thus, the Department of Law proposes removing LAW 3110.

AVI. 1.5

LAW 3303 The Law of Real Estate Finance

Rationale: This course was only offered twice: in the spring 2001 (when it was cancelled due to low enrollment) and fall of 2001 (when it only had two students). The Real Estate Department has indicated that it no longer has any interest in the Department of Law's offering of this course. Furthermore, the Department of Law has no faculty to teach this course. Thus, the Department of Law proposes removing LAW 3303.

PART A: ACADEMIC MATTERS

The following recommendations of the Committee on Undergraduate Curriculum were approved at the Mildred and George Weissman School of Arts and Sciences Faculty Meeting on May 1, 2018 effective the Spring 2019 semester, pending approval of the Board of Trustees.

AI: Special Actions

AI.1.1 Proposal to Increase Student Mastery in Calculus

This pilot program, which consists of two parts, will run as an experiment for academic years 2018-2019 and 2019-2020.

The first part is to allow any student who earns grades of C-, D, or D+ to retake precalculus to achieve greater mastery. MTH 2003 and MTH 2009 (a new course effective spring 2019) are Baruch's precalculus courses; MTH 2000 and MTH 2001 are the precalculus courses for which transfer students receive credit. By allowing students to repeat the course, they are provided with an opportunity to improve both their course mastery and grade. Students will only receive credit for precalculus once.

This proposal does not affect college policy of allowing students to take the course a maximum of three times. The policy on repeating courses covers any combination of MTH 2003 and MTH 2009, e.g., one course taken three times, or a one-and-two combination. All combinations will be treated identically as three attempts.

A repeat for mastery course will not be eligible for TAP or Excelsior.

Students may also repeat e-permit courses per the host college's policies.

Students who earn grades of C or better in the repeated precalculus course may replace their previous passing grades in the calculation of the overall GPA. The precalculus repeat for mastery option is part of college's existing 16-credit maximum for grade replacements. It will not retroactively effect a student's pre-existing academic status. The following points should be noted:

* A maximum of 16 credits of failing and/or repeat for mastery grades may be deleted from the calculation of the

cumulative GPA during an undergraduate's enrollment in CUNY. Whether students remain at a single college or

transfer from one CUNY college to another, no more than 16 credits of grades can be replaced in the calculation of

the cumulative GPA. Should the 16-credit limit be reached at a college other than Baruch, a student will not be

permitted to replace credits at Baruch.

* For a grade of C or better to replace a grade of C-, D, or D+ in the calculation of the cumulative GPA, the repeated

course must be taken at Baruch. Students may repeat precalculus for mastery on permit to another institution, but

the original grade will not be replaced. If a student retakes precalculus on permit at another CUNY campus, both the

original and the new grade will be calculated in the overall GPA. If a student takes precalculus on permit at a non-

CUNY institution, only the original grade will be calculated in the overall GPA.

* If a student has more than one repeatable precalculus grade and subsequently earns a grade of C or better in the

course, the previous grades will be deleted from the calculation of the GPA, subject to the 16-credit limit.

* The cumulative GPA calculated on the basis of this policy is to be used for purposes of retention and graduation

from the College and the admission to and continuance in a major or specialization. It will not be used to calculate

the GPA for graduation honors or the Dean's List.

The second part of the proposal is to include a precalculus grade prerequisite in MTH 2205 and 2207. Effective with the fall 2018 semester, the prerequisites for MTH 2205 and MTH 2207 are to be as follows (separate entries are included in section AV of this report):

MTH 2205

Prerequisite: MTH 2003 or MTH 2009 with a grade of C- or better.

MTH 2207

Prerequisite: Placement or grade of C- or better in MTH 2000 or 2001 or the equivalent.

Rationale: Enrollment Management has produced significant data indicating the strongest predictor of student success in a first calculus course is their mastery of precalculus.

All: Changes in Degree Programs

All.1.1 The following revisions are proposed for the BA in Actuarial Science

Program: BA in Actuarial Science

Program Codes: 82292 and 60001 (Macaulay Honors)

HEGIS Code: 1799.00

Effective: Spring 2019

FROM			TO		
<p>The field of actuarial science applies mathematical principles and techniques to problems in the insurance industry. Progress in the field is generally based upon completion of examination given by the Society of Actuaries. The Baruch College major is designed to prepare students to pass the P, FM, MFE, MLC, and C exams offered by the Society of Actuaries. Classes are offered that fulfill current VEE (Validation by Educational Experience) requirements in economics, finance, and statistics. Students interested in this highly structured program are urged to meet with an advisor in the Department of Mathematics as early as possible for assistance in formulating an appropriate course of study.</p>			<p>The field of actuarial science applies mathematical principles and techniques to problems in the insurance industry. Progress in the field is generally based upon completion of examination given by the Society of Actuaries. The Baruch College major is designed to prepare students to pass the P, FM, IFM (formerly MFE), LTAM (formerly MLC), and STAM (formerly C) exams offered by the Society of Actuaries. Classes are offered which fulfill current VEE (Validation by Educational Experience) requirements in economics, finance, and statistics. Students interested in this highly structured program are urged to meet with an advisor in the Department of Mathematics as early as possible for assistance in formulating an appropriate course of study.</p>		
Math Program Prerequisites			Math Program Prerequisites		
Based on placement, follow one of the following preliminary calculus options below:			Based on placement, follow one of the following preliminary calculus options below:		
Course	Description	Crs	Course	Description	Crs
Option 1	<p>Calculus AP Exam (BC) with a score of 4 or 5 (transfers to Baruch as MTH 3010 Calculus II)</p> <p>And one of the following:</p> <p>MTH 3020 Intermediate Calculus</p> <p>MTH 3050 Multi-Variable and Vector Calculus *</p>	8 credits	Option 1	<p>Calculus AP Exam (BC) with a score of 4 or 5 (transfers to Baruch as MTH 3010 Calculus II)</p> <p>And one of the following:</p> <p>MTH 3020 Intermediate Calculus</p> <p>MTH 3050 Multi-Variable and Vector Calculus *</p>	8 credits
Or			or		
Option 2	<p>Calculus AP Exam (AB) with a score of 4 or 5 (transfers to Baruch as MTH 2610 Calculus I)</p> <p>And</p> <p>MTH 3010 Calculus II</p>	12 credits	Option 2	<p>Calculus AP Exam (AB) with a score of 4 or 5 (transfers to Baruch as MTH 2610 Calculus I)</p> <p>And</p> <p>MTH 3010 Calculus II</p>	12 credits

	And one of the following: MTH 3020 Intermediate Calculus MTH 3050 Multi-Variable and Vector Calculus *			And one of the following: MTH 3020 Intermediate Calculus MTH 3050 Multi-Variable and Vector Calculus *	
Or			or		
Option 3	MTH 2610 Calculus I And MTH 3010 Calculus II And one of the following: MTH 3020 Intermediate Calculus MTH 3050 Multi-Variable and Vector Calculus *	12 credits	Option 3	MTH 2610 Calculus I And MTH 3010 Calculus II And one of the following: MTH 3020 Intermediate Calculus MTH 3050 Multi-Variable and Vector Calculus *	12 credits
Or			or		
Option 4	MTH 2205 or MTH 2206 Applied Calculus or MTH 2207 Applied Calculus and Matrix Applications And the following two courses: MTH 3006 Integral Calculus MTH 3030 Analytic Geometry and Calculus II	12-13 credits	Option 4	MTH 2205 or MTH 2206 Applied Calculus or MTH 2207 Applied Calculus and Matrix Applications And the following two courses: MTH 3006 Integral Calculus MTH 3030 Analytic Geometry and Calculus II	12-13 credits
Or			or		
Option 5	MTH 2205 or MTH 2206 Applied Calculus or MTH 2207 Applied Calculus and Matrix Applications And	12-13 credits	Option 5	MTH 2205 or MTH 2206 Applied Calculus or MTH 2207 Applied Calculus and Matrix Applications And	12-13 credits

	MTH 3006 Integral Calculus And MTH 3007 Infinite Series And one of the following: MTH 3020 Intermediate Calculus MTH 3050 Multi-Variable and Vector Calculus *			MTH 3006 Integral Calculus And MTH 3007 Infinite Series And one of the following: MTH 3020 Intermediate Calculus MTH 3050 Multi-Variable and Vector Calculus *	
Or			or		
Option 6	MTH 2630 Analytic Geometry and Calculus I MTH 3030 Analytic Geometry and Calculus II	10 credits	Option 6	MTH 2630 Analytic Geometry and Calculus I MTH 3030 Analytic Geometry and Calculus II	10 credits
* MTH 3050 is not open to students who completed MTH 3020, MTH 3030, MTH 3035, or their equivalents.			* MTH 3050 is not open to students who completed MTH 3020, MTH 3030, MTH 3035, or their equivalents.		
Business Program Prerequisites			Business Program Prerequisites		
ACC 2101	Principles of Accounting	3	ACC 2101	Principles of Accounting	3
BUS 1000	Introduction to Business **	3	BUS 1000	Introduction to Business **	3
Or			or		
BUS 1011	Business Fundamentals: The Contemporary Business Landscape **	3	BUS 1011	Business Fundamentals: The Contemporary Business Landscape **	3
CIS 2200	Introduction to Information Systems and Technologies **	3	CIS 2200	Introduction to Information Systems and Technologies **	3
ECO 1001	Micro-Economics	3	ECO 1001	Micro-Economics	3
ECO 1002	Macro-Economics	3	ECO 1002	Macro-Economics	3
STA 2000	Business Statistics I **	3	STA 2000	Business Statistics I **	3
			FIN 3000	Principles of Finance	3
			FIN 3610	Corporate Finance	3
NOTES:			NOTES:		
** Students who have completed MTH 4120 or			** Students who have completed MTH 4120 or		

both MTH 3120 and MTH 4119, may have the following FIN 3000 prerequisites waived: BUS 1000/BUS 1011, CIS 2200, and STA 2000. Please consult the Weissman Associate Dean's Office to request registration permission.

both MTH 3120 and MTH 4119, may have the following FIN 3000 prerequisites waived: BUS 1000/BUS 1011, CIS 2200, and STA 2000. Please consult the Weissman Associate Dean's Office to request registration permission.

Required Courses

MTH 3300	Algorithms, Computers, and Programming I	3
MTH 4120	Introduction to Probability ***	4
MTH 4410	Theory of Interest	4
MTH 4500	Introductory Financial Mathematics	4
FIN 3000	Principles of Finance	3
FIN 3610	Corporate Finance	3

Required Courses

MTH 3300	Algorithms, Computers, and Programming I	3
MTH 4120	Introduction to Probability ***	4
MTH 4410	Theory of Interest	4
Students must also complete three of the following five courses:		
MTH 4420	Actuarial Mathematics	4
MTH 4421	Actuarial Mathematics II	4
MTH 4451	Short-Term Mathematics	4
MTH 4452	Short-Term Mathematics II	4
MTH 4500	Introductory Financial Mathematics	4

*** Students who have completed MTH 3120 cannot enroll in MTH 4120. They must satisfy the probability requirement by registering for MTH 4119 as an independent study (please consult the Department of Mathematics).

*** Students who have completed MTH 3120 cannot enroll in MTH 4120. They must satisfy the probability requirement by registering for MTH 4119 as an independent study (please consult the Department of Mathematics).

Electives - In addition, one course must be chosen from the following list of electives:

MTH 4115	Numerical Methods for Differential Equations in Finance	4
MTH 4125	Introduction to Stochastic Processes	4
MTH 4130	Mathematics of Statistics	4
MTH 4135	Methods of Monte Carlo Simulation	3
MTH 4420	Actuarial Mathematics	4
MTH 4421	Actuarial Mathematics II	4
MTH 4451	Short-Term Mathematics	4
MTH 5500	Stochastic Calculus for Finance	4

Electives - In addition, one course must be chosen from the following list of electives:

MTH 4115	Numerical Methods for Differential Equations in Finance	4
MTH 4125	Introduction to Stochastic Processes	4
MTH 4130	Mathematics of Statistics	4
MTH 4135	Methods of Monte Carlo Simulation	3
MTH 4420	Actuarial Mathematics	4
MTH 4421	Actuarial Mathematics II	4
MTH 4430	Mathematics of Inferential Statistics	4
MTH 4451	Short-Term Mathematics	4
MTH 4452	Short-Term Mathematics II	4

			MTH 4500	Introductory Financial Mathematics	4
			MTH 4600	Data Analysis and Simulation for Financial Engineers	4
			MTH 5500	Stochastic Calculus for Finance	4
The following courses are recommended, but not required. They are not applicable toward the major.			The following courses are recommended, but not required. They are not applicable toward the major.		
ECO 3100	Intermediate Micro-Economics	3	ECO 3100	Intermediate Micro-Economics	3
ECO 3200	Intermediate Macro-Economics	3	ECO 3200	Intermediate Macro-Economics	3
Subtotal: 41-56 (Mathematics Program Prerequisites, Business Program Prerequisites, Required Courses, and Major Elective)			Subtotal: 47-64 (Mathematics Program Prerequisites, Business Program Prerequisites, Required Courses, and Major Elective)		
Total credits required for the BA degree: 120			Total credits required for the BA degree: 120		

Rationale: The updates to the major are commensurate with recent additions and updates to the courses offered in the mathematics department related to actuarial science. Courses related to material for five of the primary introductory topics required by the Society of Actuaries (SOA) are now offered at least once per year. These updates enhance the mathematical rigor of the program, which will strengthen the major. Under the new proposed course of study, students will have completed classes related to material which will help them to prepare for at least four of the required SOA professional exams. These updates will allow our students to remain viable in an increasingly competitive field. Simultaneously, the additional options for the requirements will allow the students greater flexibility in pursuing the major.

AIII.1.2 The following revisions are proposed for the BA in Communication Studies

Program: BA in Communication Studies

Program Code: 36820

HEGIS Code: 0699.00

Effective Term: Spring 2019

From: Major in Communication Studies	To: Major in Communication Studies
Communication Studies (CS) is both a scholarly and professional academic field that focuses on processes of communication ranging from the spoken word to global media in interpersonal, organizational, cultural, political, and	Communication Studies (CS) is both a scholarly and professional academic field that focuses on processes of communication ranging from the spoken word to global media in interpersonal, organizational, cultural, political, and international contexts.

international contexts.

The major is an ideal springboard for a variety of graduate degrees and - due to the spread of globalization and digital communication - the basis for an increasing number of new careers.

Interested students should contact the Department of Communication Studies at 646-312-3720 or visit the [department's website](#).

Communication Studies Major with Specializations in

- * Interpersonal and Group Communication
- * Intercultural and International Communication
- * Rhetoric and Public Advocacy
- * Digital Communication and Culture

The major is an ideal springboard for a variety of graduate degrees and - due to the spread of globalization and digital communication - the basis for an increasing number of new careers.

Interested students should contact the Department of Communication Studies at 646-312-3720 or visit the [department's website](#).

Communication Studies Major with Specializations in

- * Interpersonal and Group Communication
- * Intercultural and International Communication
- * Rhetoric and Public Advocacy
- * Digital Communication and Culture

Program Prerequisite			Program Prerequisite		
PHI 1100	Ethics and Critical Thinking	3	PHI 1100	Ethics and Critical Thinking	3
	Required Course			Required Course	
COM 2000	Introduction to Communication Studies	3	COM 2000	Introduction to Communication Studies	3
Foundation Courses Choose one course each from the three areas that are not your concentration (9 credits)			Required Foundation Courses (12 credits)		
			COM 3045	Communication Law and Free Speech	3
Interpersonal and Group Communication			COM 3057	Introduction to Digital Communication and Culture	3
COM 3077	Interpersonal Communication	3	COM 3069	Intercultural Communication	3
COM 3078	Group Communication	3	COM 3077	Interpersonal Communication	3
Intercultural and International Communication			Concentrations – Choose one of the following (9 credits)		
COM 3069	Intercultural Communication	3	Interpersonal and Group Communication		
COM 3076	International Communication	3	COM 3078	Group Communication	3

			COM 3079	Gender, Ethnicity, and Race in Communication	3
Rhetoric and Public Advocacy			COM 3080	Virtual Teamwork	3
COM 3045	Communication Law and Free Speech (PHI 3045)	3	COM 3082	Gender Communication	3
COM 3070	Persuasion	3	COM 3090	Nonverbal Communication	3
Digital Communication and Culture			COM 3095	Facework Communication: Impression Management	3
COM 3057	Introduction to Digital Communication and Culture	3	COM 3096	<u>Intercultural Training, Coaching, and Consulting</u>	3
COM 3062	Studies in Electronic Media	3	COM 4901	<u>Conflict Resolution</u>	3
			COM 4905	Language and Social Interaction	3
			COM 4907	<u>Work-Life Communication</u>	3
Concentrations – Choose one of the following (12 credits)					
Interpersonal and Group Communication			Intercultural and International Communication		
COM 3077	Interpersonal Communication	3	COM 3076	International Communication	3
	Plus three of the following:		COM 3079	Gender, Ethnicity, and Race in Communication	3
COM 3078	Group Communication	3	COM 3080	Virtual Teamwork	3
COM 3079	Gender, Ethnicity, and Race in Communication	3	COM 3081	Organizations in International Development	3
COM 3080	Virtual Teamwork	3	COM 3095	Facework Communication: Impression Management	3
COM 3082	Gender Communication	3	COM 3096	<u>Intercultural Training, Coaching, and Consulting</u>	3
COM 3090	Nonverbal Communication	3	COM 4015	Globalization of English (ENG/SOC)	3
COM 4101	Selected Topics* (Subject to departmental approval. Please check the departmental website for approved courses in this concentration)	3	COM 4901	<u>Conflict Resolution</u>	3

COM 4900	Topics in Communication Studies (Subject to departmental approval. Please check the departmental website for approved courses in this concentration)	3	COM 4905	Language and Social Interaction	3
COM 4905	Language and Social Interaction	3			
Intercultural and International Communication			Rhetoric and Public Advocacy		
COM 3069	Intercultural Communication	3	COM 3064	Classical Rhetoric	3
	Plus three of the following:		COM 3065	American Public Address	3
COM 3076	International Communication	3	COM 3066	Modern Frontiers of Rhetoric	3
COM 3079	Gender, Ethnicity, and Race in Communication	3	COM 3070	Persuasion	3
COM 3080	Virtual Teamwork	3	COM 3071	Argumentation and Debate	3
COM 3081	Organizations in International Development	3	COM 3074	Elements of Legal Argumentation	3
COM 3082	Gender Communication	3	COM 3111	Markets, Media, and Meaning	3
COM 4015	The Globalization of English (ENG 4015, SOC 4015)	3	COM 4907	<u>Work-Life Communication</u>	3
COM 4104	Selected Topics * (Subject to departmental approval. Please check the departmental website for approved courses in this concentration)	3	Digital Communication and Culture		
COM 4900	Topics in Communication Studies (Subject to departmental approval. Please check the departmental website for approved courses in this concentration)	3	COM 3058	Ethics of Image Making: Film, Television, and Digital Media	3
COM 4905	Language and Social Interaction	3	COM 3059	Video Communication and Production	3
			COM	Media Analysis and Criticism	3

			3060		
	Rhetoric and Public Advocacy		COM 3062	Studies in Electronic Media	3
COM 3045	Communication Law and Free Speech (PHI 3045)	3	COM 3067	American Television Programming	3
			COM 3076	International Communication	3
	Plus three of the following:		COM 3110	Contemporary Issues in Digital Media	3
COM 3064	Classical Rhetoric	3	COM 3111	Markets, Media, and Meaning	3
COM 3065	American Public Address	3	COM 4059	Advanced Video Communication and Production	3
COM 3066	Modern Frontiers of Rhetoric	3			
COM 3070	Persuasion	3			
COM 3071	Argumentation and Debate	3			
COM 3074	Elements of Legal Argumentation	3			
COM 3111	Markets, Media, and Meaning	3			
COM 4101	Selected Topics* (Subject to departmental approval. Please check the departmental website for approved courses in this concentration)	3			
Digital Communication and Culture			Communication Studies Electives:		
			Choose any two COM courses at the 3000- <u>5000</u> level, including		
COM 3057	Introduction to Digital Communication and Culture	3	<u>COM 4101</u>	<u>Special Topics</u>	- 3
	Plus three of the following:		COM 4906	Communication Research Strategies <u>(recommended for students with plans for graduate studies)</u>	3
COM 3058	Ethics of Image Making: Film, Television, and Digital Media	3	COM 5010	Internship in Business and Public Communication <u>(recommended for students planning to enter the workforce following</u>	3

				graduation)	
COM 3059	Video Communication and Production	3			
COM 3060	Media Analysis and Criticism	3		* Students may enroll in COM 4101 more than once if the topic is different.	
COM 3062	Studies in Electronic Media	3			
COM 3067	American Television Programming	3			
COM 3076	International Communication	3			
COM 3110	Contemporary Issues in Digital Media	3			
COM 3111	Markets, Media, and Meaning	3			
COM 4059	Advanced Video Communication and Production	3			
Communication Studies Electives:					
Choose any two COM courses at the 3000-level or above					
Especially recommended:					
COM 4906	Communication Research Strategies	3			
COM 5010	Internship in Business and Public Communication	3			
* Students may enroll in COM 4101 more than once if the topic is different.					
Subtotal: 33 (Program Prerequisite, Required Course, Foundation Courses, Concentration Courses, and Major Electives)			Subtotal: 33 (Program Prerequisite, Required Course, Required Foundation Courses, Concentration Courses, and Major Electives)		
Total credits required for the BA degree: 120			Total credits required for the BA degree: 120		

Rationale: The major in Communication Studies is now in its fourth year, and the department recently took inventory. Enrollment has exceeded expectations, but some structural elements of the major have proven inefficient.

In particular, the current foundation- and required concentration-course structure is overly complicated and spreads resources too thin. Evaluations of the major have shown that the core concern of students

is accessibility to required and semi-required courses. By reducing the number of foundation courses from eight to four and making the previously required courses in each concentration part of the new foundation course section, we not only simplify the structure and eliminate convoluted guidelines, but are able to focus more resources on the required courses.

The fact that different sections of COM 4101, the department’s special topics course, all have the same number but different content is a source of confusion for students. Adding to the confusion, our assigning different 4101s to different concentrations by course title, trying to inform students, and updating handouts and major declaration forms every semester, has proven difficult, if not unworkable. Moving 4101s to the open “Communication Studies Electives” category, while creating regular courses for some of the frequently offered special topics, will make the curriculum clear and prevent enrollment mistakes.

In sum, the proposed changes eliminate confusing guidelines, inefficiencies, and management problems while simplifying the structure with a resulting clean look and organization. Most important, by tightly defining and limiting the number of required courses, the department will be able to increase section numbers, thus better addressing the imperative of students graduating in a timely manner.

All.1.3 The following revisions are proposed for the BA in Mathematics

Program: BA in Mathematics

Program Codes: 01961 and 60019 (Macaulay Honors)

HEGIS Code: 1701.00

Effective: Spring 2019

FROM			TO		
The major in mathematics is designed to enable the student to enter the marketplace (industrial or educational) or to pursue further studies in mathematics or allied fields at the graduate level. Interested students should meet with an advisor in the Department of Mathematics as early as possible for assistance in formulating an appropriate course of study.			The major in mathematics is designed to enable the student to enter the marketplace (industrial or educational) or to pursue further studies in mathematics or allied fields at the graduate level. Interested students should meet with an advisor in the Department of Mathematics as early as possible for assistance in formulating an appropriate course of study.		
Math Program Prerequisites:			Math Program Prerequisites:		
As a preliminary requirement, students must complete the calculus prerequisite, which may be achieved by any one of the six options.			As a preliminary requirement, students must complete the calculus prerequisite, which may be achieved by any one of the six options.		
Course	Description	Crs	Course	Description	Crs
Option 1	Calculus AP Exam (BC) with a score of 4 or 5 (transfers to Baruch as MTH 3010 Calculus II) And one of the following MTH 3020 Intermediate	8 credits	Option 1	Calculus AP Exam (BC) with a score of 4 or 5 (transfers to Baruch as MTH 3010 Calculus II) And one of the following MTH 3020 Intermediate	8 credits

	Calculus or MTH 3050 Multi-Variable and Vector Calculus *			Calculus or MTH 3050 Multi-Variable and Vector Calculus *	
Or			or		
Option 2	Calculus AP Exam (AB) with a score of 4 or 5 (transfers to Baruch as MTH 2610 Calculus I) And MTH 3010 Calculus I And one of the following MTH 3020 Intermediate Calculus or MTH 3050 Multi-Variable and Vector Calculus *	12 credits	Option 2	Calculus AP Exam (AB) with a score of 4 or 5 (transfers to Baruch as MTH 2610 Calculus I) And MTH 3010 Calculus I And one of the following MTH 3020 Intermediate Calculus or MTH 3050 Multi-Variable and Vector Calculus *	12 credits
Or			or		
Option 3	MTH 2610 Calculus I And MTH 3010 Calculus II And one of the following MTH 3020 Intermediate Calculus or MTH 3050 Multi-Variable and Vector Calculus *	12 credits	Option 3	MTH 2610 Calculus I And MTH 3010 Calculus II And one of the following MTH 3020 Intermediate Calculus or MTH 3050 Multi-Variable and Vector Calculus *	12 credits
Or			or		
Option 4	MTH 2205 or MTH 2206 Applied Calculus or MTH 2207 Applied Calculus and Matrix Applications And the following two courses: MTH 3006 Integral Calculus MTH 3030 Analytic Geometry and Calculus II	12-13 credits	Option 4	MTH 2205 or MTH 2206 Applied Calculus or MTH 2207 Applied Calculus and Matrix Applications And the following two courses: MTH 3006 Integral Calculus MTH 3030 Analytic Geometry and Calculus II	12-13 credits

Or			or		
Option 5	MTH 2205 or MTH 2206 Applied Calculus or MTH 2207 Applied Calculus and Matrix Applications And MTH 3006 Integral Calculus And MTH 3007 Infinite Series And one of the following MTH 3020 Intermediate Calculus or MTH 3050 Multi-Variable and Vector Calculus *	12-13 credits	Option 5	MTH 2205 or MTH 2206 Applied Calculus or MTH 2207 Applied Calculus and Matrix Applications And MTH 3006 Integral Calculus And MTH 3007 Infinite Series And one of the following MTH 3020 Intermediate Calculus or MTH 3050 Multi-Variable and Vector Calculus *	12-13 credits
Or			or		
Option 6	MTH 2630 Analytic Geometry and Calculus I MTH 3030 Analytic Geometry and Calculus II	10 credits	Option 6	MTH 2630 Analytic Geometry and Calculus I MTH 3030 Analytic Geometry and Calculus II	10 credits
* MTH 3050 is not open to students who completed MTH 3020, MTH 3030, MTH 3035, or their equivalent.			* MTH 3050 is not open to students who completed MTH 3020, MTH 3030, MTH 3035, or their equivalent.		
Required Courses			Required Courses		
All students must take the following three courses:			All students must take the following three courses:		
MTH 3300	Algorithms, Computers and Programming I	3 credits	MTH 3300	Algorithms, Computers and Programming I	3 credits
MTH 4010	Mathematical Analysis I	3 credits	MTH 4010	Mathematical Analysis I	3 credits
MTH 4100	Linear Algebra and Matrix Methods	3 credits	MTH 4100	Linear Algebra and Matrix Methods	3 credits
Electives			Electives		
Students must complete at least 15 elective credits from the following group of courses:			Students must complete at least 15 elective credits from the following group of courses:		
			MTH 4000	Bridge to Higher	3

				Mathematics	credits
MTH 4009	Proof Writing for Advanced Calculus	1 credit	MTH 4009	Proof Writing for Advanced Calculus	1 credit
MTH 4020	Advanced Calculus II	3 credits	MTH 4020	Advanced Calculus II	3 credits
MTH 4030	Topology	3 credits	MTH 4030	Topology	3 credits
MTH 4110	Ordinary Differential Equations	3 credits	MTH 4110	Ordinary Differential Equations	3 credits
MTH 4115	Numerical Methods for Differential Equations in Finance	4 credits	MTH 4115	Numerical Methods for Differential Equations in Finance	4 credits
MTH 4120	Introduction to Probability	4 credits	MTH 4120	Introduction to Probability **	4 credits
MTH 4125	Introduction to Stochastic Process	4 credits	MTH 4125	Introduction to Stochastic Process	4 credits
MTH 4130	Mathematics of Statistics	4 credits	MTH 4130	Mathematics of Data Analysis	4 credits
MTH 4135	Computational Methods in Probability	3 credits	MTH 4135	Computational Methods in Probability	3 credits
MTH 4140	Graph Theory	3 credits	MTH 4140	Graph Theory	3 credits
MTH 4145	Mathematical Modeling *	3 credits	MTH 4145	Mathematical Modeling *	3 credits
MTH 4150	Combinatorics	3 credits	MTH 4150	Combinatorics	3 credits
MTH 4200	Theory of Numbers	3 credits	MTH 4200	Theory of Numbers	3 credits
MTH 4210	Elements of Modern Algebra	3 credits	MTH 4210	Elements of Modern Algebra	3 credits
MTH 4220	Introduction to Modern Geometry	3 credits	MTH 4220	Introduction to Modern Geometry	3 credits
MTH 4230	History of Mathematics	3 credits	MTH 4230	History of Mathematics	3 credits
MTH 4240	Differential Geometry *	3 credits	MTH 4240	Differential Geometry *	3 credits
MTH 4300	Algorithms, Computers and Programming II	3 credits	MTH 4300	Algorithms, Computers and Programming II	3 credits
MTH 4310	Methods of Numerical Analysis	3 credits	MTH 4310	Methods of Numerical Analysis	3 credits
MTH 4315	Introduction to Mathematical Logic	3 credits	MTH 4315	Introduction to Mathematical Logic	3 credits
MTH 4320	Fundamental Algorithms	3 credits	MTH 4320	Fundamental Algorithms	3 credits

MTH 4420	Actuarial Mathematics I	4 credits	MTH 4420	Actuarial Mathematics I	4 credits
MTH 4421	Actuarial Mathematics II	4 credits	MTH 4421	Actuarial Mathematics II	4 credits
MTH 4451	Short-Term Insurance Mathematics	4 credits	MTH 4430	Mathematics of Inferential Statistics	4 credits
MTH 4500	Introductory Financial Mathematics	4 credits	MTH 4451	Short-Term Insurance Mathematics	4 credits
MTH 4600	Data Analysis and Simulation for Financial Engineers	4 credits	MTH 4452	Short-Term Insurance Mathematics II	4 credits
MTH 5010	Advanced Calculus III *	3 credits	MTH 4500	Introductory Financial Mathematics	4 credits
MTH 5020	Theory of Functions of a Complex Variable	3 credits	MTH 4600	Data Analysis and Simulation for Financial Engineers	4 credits
MTH 5030	Theory of Functions of Real Variables*	3 credits	MTH 5010	Advanced Calculus III *	3 credits
MTH 5100	Partial Differential Equations and Boundary Value Problems*	4 credits	MTH 5020	Theory of Functions of a Complex Variable	3 credits
MTH 5500	Stochastic Calculus for Finance	4 credits	MTH 5030	Theory of Functions of Real Variables*	3 credits
			MTH 5100	Partial Differential Equations and Boundary Value Problems*	4 credits
			MTH 5500	Stochastic Calculus for Finance	4 credits
* These courses are offered infrequently, subject to student demand.			* These courses are offered infrequently, subject to student demand.		
			** Students may use the combination of MTH 3120 and MTH 4119 in the place of MTH 4120 as elective credit toward the major.		
Subtotal: 32-37 (Mathematics Program Prerequisites, Required Courses, and Major Electives)			Subtotal: 32-37 (Mathematics Program Prerequisites, Required Courses, and Major Electives)		
Total credits required for the BA degree: 120			Total credits required for the BA degree: 120		

Rationale: This update adds MTH 4000 to the list of elective course options to correct an earlier omission. A clarification was added to indicate that the combination of MTH 3120 and MTH 4119 is deemed equivalent to MTH 4120 in the major. Two new courses are being added to the electives list – MTH 4430 and MTH 4452 (this course was submitted in the May 2018 CUR).

All.1.4 The following revisions are proposed for the MS in Financial Engineering

Program: MS in Financial Engineering

Program Code: 24276

HEGIS Code: 1703.00

Effective Term: Fall 2018

From : MS in Financial Engineering			To : MS in Financial Engineering		
<p>The Baruch College Financial Engineering MS Program is a professional Masters Program which graduates competitive, high-quality individuals who successfully pursue careers in quantitative finance.</p> <p>The Master of Science in Financial Engineering (MFE) requires the completion of 36 credits, including five 3-credit required courses, and a 1.5 credit internship course. The remaining 19.5 credits are to be completed from elective courses. Students entering the program with exceptional mathematical or financial skills may be permitted to replace one or more of the required courses with additional electives.</p> <p>The curriculum of the MFE Program is designed to provide students with the background required for modeling and solving problems that arise in the financial services industry across various markets and asset classes. All courses are offered in the evening to accommodate students with work commitments.</p>			<p>The Baruch College Financial Engineering MS Program is a professional Masters Program which graduates competitive, high-quality individuals who successfully pursue careers in quantitative finance.</p> <p>The Master of Science in Financial Engineering (MFE) requires the completion of 36 credits, including <u>12 credits</u> to be completed from required courses and <u>21</u> credits to be completed from elective courses. Students entering the program with exceptional mathematical or financial skills may be permitted to replace one or more of the required courses with additional electives.</p> <p>The curriculum of the MFE Program is designed to provide students with the background required for modeling and solving problems that arise in the financial services industry across various markets and asset classes. All courses are offered in the evening to accommodate students with work commitments.</p>		
Courses in Specialization (36 credits)			Courses in Specialization (36 credits)		
Required Courses (16.5 credits)			Required Courses (<u>12</u> credits)		
MTH 9814	Financial Markets and Securities	3 credits	MTH 9814	Financial Markets and Securities	<u>1.5</u> credits
MTH 9815	Software Engineering in Finance	3 credits	MTH 9815	Software Engineering for Finance	<u>1.5</u> credits
MTH 9821	Numerical Methods for Finance I	3 credits	MTH 9821	Numerical Methods for Finance	3 credits
MTH 9831	Probability and Stochastic Processes for Finance I	3 credits	MTH 9831	Probability and Stochastic Processes for Finance I	3 credits
MTH 9902	Internship Course	1.5 credits	MTH 9903	Capstone Project and Presentation	3 credits
MTH 9903	Capstone Project and Presentation	3 credits			

Elective Courses (49.5 credits)			Elective Courses (24 credits)		
Choose from the following courses:			Choose from the following courses:		
MTH 9760	Big Data Technologies	3 credits	MTH 9760	Big Data Technologies	3 credits
MTH 9796	Statistical Natural Language Processing	1.5 credits	MTH 9796	Statistical Natural Language Processing	1.5 credits
MTH 9797	Advanced Data Analysis	1.5 credits	MTH 9797	Advanced Data Analysis	1.5 credits
MTH 9816	Fundamentals of Trading	1.5 credits	MTH 9816	Fundamentals of Trading	1.5 credits
MTH 9841	Statistics for Finance	3 credits	MTH 9841	Statistics for Finance	3 credits
MTH 9842	Linear and Quadratic Optimization Techniques	1.5 credits	MTH 9842	<u>Optimization Techniques in Finance</u>	1.5 credits
MTH 9845	Market and Credit Risk Management	3 credits	MTH 9845	Market and Credit Risk Management	3 credits
MTH 9848	Elements of Structured Finance	3 credits	MTH 9848	Elements of Structured Finance	3 credits
MTH 9852	Numerical Methods for Finance II	3 credits	MTH 9852	Numerical Methods for Finance II	3 credits
MTH 9855	Asset Allocation and Portfolio Management	3 credits	MTH 9855	Asset Allocation and Portfolio Management	3 credits
MTH 9862	Probability and Stochastic Processes for Finance II	3 credits	MTH 9862	Probability and Stochastic Processes for Finance II	3 credits
MTH 9863	Volatility Filtering and Estimation	1.5 credits	MTH 9863	Volatility Filtering and Estimation	1.5 credits
MTH 9864	Model Review for Quantitative Models in Finance	1.5 credits	MTH 9864	Model Review for Quantitative Models in Finance	1.5 credits
MTH 9865	Commodities and Futures Trading	1.5 credits	MTH 9865	Commodities and Futures Trading	1.5 credits
MTH 9866	Modeling and Market Making in Foreign Exchange	1.5 credits	MTH 9866	Modeling and Market Making in Foreign Exchange	1.5 credits
MTH 9867	Time Series Analysis and Algorithmic Trading	3 credits	MTH 9867	Time Series Analysis and Algorithmic Trading	3 credits
MTH 9868	Advanced Risk and Portfolio Management	3 credits	MTH 9868	Advanced Risk and Portfolio Management	3 credits
MTH 9871	Advanced Computational Methods in Finance	3 credits	MTH 9871	Advanced Computational Methods in Finance	3 credits
MTH 9873	Interest Rate Models and Interest Rate Derivatives	3 credits	MTH 9873	Interest Rate Models and Interest Rate Derivatives	3 credits

MTH 9875	The Volatility Surface	3 credits	MTH 9875	The Volatility Surface	3 credits
MTH 9876	Credit Risk Models	3 credits	MTH 9876	Credit Risk Models	3 credits
MTH 9878	Interest Rate Models	3 credits	<u>MTH 9877</u>	<u>Interest Rate and Credit Models</u>	<u>3 credits</u>
MTH 9879	Market Microstructure Models	3 credits	MTH 9878	Interest Rate Models	3 credits
MTH 9881	Current topics in Mathematical Finance	3 credits	MTH 9879	Market Microstructure Models	3 credits
MTH 9882	Fixed Income Risk Management	1.5 credits	MTH 9881	Current topics in Mathematical Finance	3 credits
MTH 9883	Structured Security Valuation in the Primary Market	1.5 credits	MTH 9882	Fixed Income Risk Management	1.5 credits
MTH 9886	Emerging Markets and Inflation Modeling	1.5 credits	MTH 9883	Structured Security Valuation in the Primary Market	1.5 credits
MTH 9887	Blockchain Technologies in Finance	1.5 credits	MTH 9886	Emerging Markets and Inflation Modeling	1.5 credits
MTH 9891	Introduction to Applied Financial Econometrics	1.5 credits	MTH 9887	Blockchain Technologies in Finance	1.5 credits
MTH 9893	Time Series Analysis	1.5 credits	MTH 9891	Introduction to Applied Financial Econometrics	1.5 credits
MTH 9894	Machine Learning	1.5 credits	MTH 9893	Time Series Analysis	1.5 credits
MTH 9896	Behavioral Finance	1.5 credits	MTH 9894	Algorithmic Trading	1.5 credits
MTH 9897	Systematic Trading	1.5 credits	MTH 9896	Behavioral Finance	1.5 credits
MTH 9898	Data Science in Finance I: Big Data in Finance	1.5 credits	MTH 9897	Systematic Trading	1.5 credits
MTH 9899	Data Science in Finance II: Machine Learning	1.5 credits	MTH 9898	Data Science in Finance I: Big Data in Finance	1.5 credits
ECO 82100	(Term I) Econometrics I	3 credits	MTH 9899	Data Science in Finance II: Machine Learning	1.5 credits
ECO 82100	(Term II) Financial Econometrics	3 credits	ECO 82100	(Term I) Econometrics I	3 credits
FIN 9770	Financial Markets and Institutions	3 credits	ECO 82100	(Term II) Financial Econometrics	3 credits
FIN 9782	Futures and Forward Markets	3 credits	FIN 9770	Financial Markets and Institutions	3 credits
FIN 9783	Investment Analysis	3 credits	FIN 9782	Futures and Forward Markets	3 credits

FIN 9786	International Financial Markets	3 credits	FIN 9783	Investment Analysis	3 credits
FIN 9790	Seminar in Finance	3 credits	FIN 9786	International Financial Markets	3 credits
FIN 9793	Advanced Investment Analysis	3 credits	FIN 9790	Seminar in Finance	3 credits
FIN 9797	Options Markets	3 credits	FIN 9793	Advanced Investment Analysis	3 credits
STA 9700	Modern Regression Analysis	3 credits	FIN 9797	Options Markets	3 credits
STA 9701	Time Series: Forecasting and Statistical Modeling	3 credits	STA 9700	Modern Regression Analysis	3 credits
			STA 9701	Time Series: Forecasting and Statistical Modeling	3 credits
Total credits required for the MA degree: 36			Total credits required for the MA degree: 36		

Rationale: We propose to reduce the number of required credits to 12 credits, and to increase the number of elective credits to 24 credits, thus providing more flexibility for our students. Two of the required courses, MTH 9814 Financial Markets and Securities and MTH 9815 Software Engineering for Finance, will change from 14-week/3 credit courses to 7-week/1.5 credit courses. This will be accomplished by eliminating the teaching of programming languages (C++ and Python) from MTH 9815, and requiring the students to amass this knowledge prior to beginning the program, and by eliminating the teaching of redundant topics from stochastic calculus and numerical methods from MTH 9814.

The job market for people with financial engineering skills has recently begun to shift back to more sophisticated interest rate and credit derivatives. To better equip our students for the current demands of the job market, we propose introducing a new elective course covering pricing, hedging and trading of such instruments, MTH 9877 Interest Rate and Credit Models

The name of one course, MTH 9842, will be changed to Optimization Techniques in Finance in order to better reflect the content of the course, which has changed since the course was first offered.

Section AIV. New Courses

AIV.1.1

Department(s)	Communication Studies
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Communication Studies
Course Prefix	COM
Course Number	3096
Course Title	Intercultural Training, Coaching, and Consulting
Catalogue Description	Intercultural competence is a required skill of anyone wishing to work internationally. This course examines how to achieve intercultural competence in domestic as well as international contexts through training, coaching, and

	consulting. The focus will be on theories of intercultural competence and the application of intercultural training, coaching, and consulting techniques in a variety of educational and professional contexts. Topics include the use of intercultural simulation games, effective case study design, discussion and role play facilitation, workshop design, and career opportunities. The course is highly experiential and will aid students in the development of intercultural communication skills as well as skills for intercultural careers.
Prerequisites	COM 1010
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: Intercultural Training, Coaching, and Consulting is a standard course in Intercultural and International Communication programs and applicable to Interpersonal and Group as well as Corporate Communication programs. The course was created to expand the electives roster of the Intercultural and International Communication (IIC) as well as the Interpersonal and Group Communication (IGC) concentration of the growing Communication Studies (CS) major. It has been offered once as a special topics course (COM 4101), and has been very well received.

COM 3096 will be offered every year with a projected enrollment of 28 students. The course will serve as a concentration elective [**Intercultural and International Communication or Interpersonal and Group Communication**] and as major elective within the Communication Studies major (NYSED program code 36820); as an elective within the Business Communication major with specialization in Corporate Communication (NYSED program codes 86011 and 60002); as an elective within the minor in Communication Studies; or as a general elective for the BA, BBA, and BS degrees.

AIV.1.2

Department(s)	Communication Studies
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate

Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Areas	Communication Studies
Course Prefix	COM
Course Number	4901
Course Title	Conflict Resolution
Catalogue Description	This course explores conflict resolution in interpersonal, intergroup, intercultural, and international communication. Topics include models, theories, causes, and manifestations of conflict; strategies and tactics of conflict resolution, including de-escalation, mediation, and collaborative conflict communication; and factors influencing conflict communication, including conflict styles and cross-cultural differences.
Prerequisites	COM 1010
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: The Department of Communication Studies offers disparate topics with the same capstone course number: COM 4900 Topics in Communication Studies. While this is not a problem with respect to capstones in the minor, major electives in Communication Studies, or electives in Corporate Communication (all of the 4900s are suitable), it is a problem with respect to the concentration electives in IGC and IIC (the other 4900s are not a good fit for those concentrations). This is a constant source of confusion for students in the IGC and IIC concentrations. We propose to give the Conflict Resolution course a unique number (e.g., 4901) to eliminate the confusion and prevent enrollment mistakes.

COM 4901 will be offered every semester with a projected enrollment of 28 students. This course will serve as a concentration elective [**Interpersonal and Group Communication** or **Intercultural and International Communication**] and as a major elective within the Communication Studies major (NYSED program code 36820); as an elective within the Business Communication major with specialization in Corporate Communication (NYSED program codes 86011 and 60002); as an elective

or capstone within the minor in Communication Studies; or as a general elective for the BA, BBA, and BS degrees.

AIV.1.3

Department(s)	Communication Studies
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Communication Studies
Course Prefix	COM
Course Number	4907
Course Title	Work-Life Communication
Catalogue Description	The purpose of this class is to explore and critique historic and contemporary work and family discourses and practices in U.S. society. Public, organizational, and family/interpersonal communication perspectives and theories provide students understand and critically evaluate work-life policies and interactions in their everyday lives.
Prerequisites	COM 1010
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: Work-Life Communication was offered as a special topics course (COM 4101), and was well received by students. COM 4907 will be offered once per year with a projected enrollment of 28 students. This course will serve as a concentration elective [**Interpersonal and Group Communication** or **Rhetoric and Public Advocacy**] and as a major elective within the Communication Studies major (NYSED program code 36820); as an elective within the Business Communication major with specialization in Corporate Communication (NYSED program codes 86011

and 60002); as an elective or capstone within the minor in Communication Studies; or as a general elective for the BA, BBA, and BS degrees.

AIV.1.4

Department(s)	Fine and Performing Arts
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Theatre
Course Prefix	THE
Course Number	3020
Course Title	Applied Theatre Workshop
Catalogue Description	This course is an introduction to applied theatre, a field that uses theatre as a medium for real-world education, activism, therapy, and civic engagement. We will study key forms of applied theatre including educational theatre, Playback, Theatre of the Oppressed, prison theatre, drama therapy, and other approaches to using theatre for a practical purpose. Students will design and carry out a collaborative, community-based applied theatre project.
Prerequisites	THE 1041 or THE 1043; or departmental permission
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: Applied theatre is a rapidly growing field that prepares students to use theatre-based skills in a wide range of applications. For students in the college's Ad Hoc Major in Arts Administration (Theatre specialization), particularly for the majority who are interested in pursuing non-performance based theatre careers, applied theatre offers an introduction to a world of theatre organizations and opportunities that they might not otherwise encounter. For students in our theatre minor, applied theatre

offers a way to merge their theatre skills with careers in other fields, including teaching, politics, community development, museum work, social services, and law. As such, applied theatre adds an important practical component to our existing theatre program and offers students access to a growing array of professional pathways.

THE 3020 will be offered once every two years with a projected enrollment of 20 students. It may serve as an elective within the recommended sequence for the Arts Administration (Theatre specialization) liberal arts ad hoc major (NYSED program codes 01975 and 60016); as an elective within the Theatre minor; or as a general elective for the BA, BBA, and BS degrees.

AIV.1.5

Department(s)	History
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	History
Course Prefix	HIS
Course Number	3065
Course Title	The History and Archaeology of Ancient Egypt
Catalogue Description	This is an introductory course to the history and archaeology of ancient Egypt and Nubia from early dynastic times until the Roman Period. This course pairs rich archaeological material with documentary sources in order to fully document life in ancient Egypt and Nubia. Experiential learning, through museum visits to the Metropolitan Museum of Art and the Brooklyn Museum, is integrated into the course.
Prerequisites	ENG 2150 and one 1000-level history course; or instructor permission
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: This class contributes to History majors and minors. HIS 3065 will also have a global learning component through a COIL (Collaborative International Online Learning) collaboration.

HIS 3065 will be offered every two years with a projected enrollment of 35 students. It may serve as an “Africa” geographical area elective within the History major (NYSED program codes 01972 and 60012); as an elective within the history minor; or as a general elective for the BA, BBA, and BS degrees.

AIV.1.6

Department(s)	History and the Asian and Asian American Studies Program
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	History, Asian and Asian American Studies
Course Prefix	HIS/AAS
Course Number	3780
Course Title	Vietnam at War
Catalogue Description	This is an upper-level course on the Vietnam War. It introduces students to the historical context of the war by analyzing primary sources from fiction, film, memoirs, and photography as a means to integrate the experiences of various participants. This course will be heavily weighted towards the Vietnamese, providing perspectives often overlooked or marginalized in American histories of the war.
Prerequisites	ENG 2150 and one 1000-level history course; or instructor permission
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: This class contributes to History majors and minors.

HIS 3870 will be offered every two years with a projected enrollment of 40 students. It may serve as an "Asia" geographical area elective within the History major (NYSED program codes 01972 and 60012); as an elective within the history minor; or as a general elective for the BA, BBA, and BS degrees.

AIV.1.7

Department(s)	Mathematics
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Mathematics
Course Prefix	MTH
Course Number	2009
Course Title	Precalculus
Catalogue Description	<p>This course integrates material from pre-calculus with introductory topics from applied calculus, including a detailed study of functions, limits and continuity, the circle, tangent lines, rates of change, differentiation of algebraic functions, matrices, and systems of linear equations. Applications from economics and finance will be included and the use of the TI 89/92 calculator as well as Excel will be required. Students may receive credit for MTH 2009 or MTH 2003, not both. These courses may substitute for each other in the F-grade replacement policy. (This course is also not open to students who completed MTH 2000, 2001, 2010, 2030, 2205, 2206, 2207, 2610, or 2630 or any mathematics course at the 3000-level or above.)</p> <p>NOTE: The policy on repeating courses covers any combination of MTH 2009 and MTH 2003, e.g., one course taken three times, or a one-and-two combination. All combinations will be treated identically as three attempts.</p>
Prerequisites	MTH 1023 or departmental permission
Credits	3
Contact Hours	4.5
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input checked="" type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression

	<input type="checkbox"/> Individual and Society
	<input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: This course covers the same content as MTH 2003 Precalculus and Elements of Calculus, and is designed for the students who complete MTH 1023 Intermediate and College Algebra. As these students initially required the co-requisite model to cover the prerequisite material, this course will use the same delivery method as its prerequisite, meeting more frequently, and it will have a required tutoring component administered by SACC (Student Academic Consulting Center). This proposal does not exclude students who are eligible to take MTH 2003 from taking MTH 2009 in its place with departmental permission. In particular, it may make educational sense for students who fail MTH 2003 to instead take MTH 2009 and use it for F replacement.)

MTH 2009 will be offered every semester with a projected enrollment of 200 students (25 students per section). It may be used as a math program prerequisite for the Biological Sciences major (NYSED program code 35195), as a math program prerequisite for the BA in Economics (NYSED program codes 09171 and 60008), as a Pathways Required Core: Mathematical and Quantitative Reasoning course (per the 5/4/18 CCCRC approval), or as a general elective for the BA, BBA, or BS degrees.

AIV.1.8

Department(s)	Mathematics
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Mathematics
Course Prefix	MTH
Course Number	4430
Course Title	Mathematics of Inferential Statistics
Catalogue Description	This class provides a calculus-based introduction to inferential statistics. Basic concepts of random sampling and statistics including confidence intervals, bias, the method of moments, percentile matching, and sampling distribution estimators will be covered. Additional topics include hypothesis testing using concepts such as the t-test, Chi-square test, goodness-of-fit test, and the Neyman-Pearson Lemma; maximum likelihood estimators; Bayes estimators; sufficient and robust statistics; information criteria; and an introduction to inference on linear models.
Prerequisites	MTH 4120; or MTH 3120 and MTH 4119
Credits	4
Contact Hours	4
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Not Applicable

	<input type="checkbox"/> <input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: This course intended as an introduction to inferential statistics from a mathematical perspective. This course will cover all of the topics required for the Society of Actuaries' updated Validation by Educational Experience certification requirements for mathematical statistics. Other topics which will be useful for students in actuarial science are included to enhance the relevance for students within the actuarial science major. These topics are not covered in MTH 4130 Mathematics of Statistics, but they are crucial topics for students in actuarial science and statistics, so a new course in inferential statistics needs to be created. This course is highly mathematical, and all topics will be calculus-based.

MTH 4430 will be offered every semester with a projected enrollment of 20-35 students. It may be used as an elective within the Actuarial Science major (NYSED program codes 82292 and 60001); as an elective within the Mathematics major (NYSED program codes 01961 and 60019); as an elective or capstone course within the minor in Mathematics; as an elective for the BA in Statistics (NYSED program codes 01962 and 60028); or as a general elective for the BA, BBA, and BS degrees.

AIV.1.9

Department(s)	Psychology
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Psychology
Course Prefix	PSY
Course Number	3061
Course Title	Positive Psychology
Catalogue Description	Positive Psychology is the scientific study of optimal human functioning. This course explores the history, theoretical perspectives, empirical research, and evidence based applications of Positive Psychology. Topics covered include happiness, well-being, flow, peak-experience, self-esteem, resilience, gratitude, creativity, and mindfulness. Through critical review of research and primary source readings, integrated multimedia, and experiential activities, students will gain an in depth understanding of the foundations, relevance, and applications of this expanding field.
Prerequisites	PSY 1001
Credits	3
Contact Hours	3

Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: The field of Positive Psychology emerged to fill the void of research into states of optimal human functioning and fulfillment, and to facilitate the promotion of well-being through research-based interventions. Since being introduced as a new branch of psychology in 1999 by Martin Seligman, the field of Positive Psychology has generated a trove of empirical research and academic study on both the undergraduate and graduate levels across the country and around the world. Several peer-reviewed journals bolster this burgeoning field, including the Journal of Positive Psychology (est. 2006), International Journal of Applied Positive Psychology (est. 2016), Journal of Positive Psychology and Wellbeing (est. 2017), and the Journal of Happiness Studies (est. 2000), along with steady research published within journals across the broader field of psychology. A course in Positive Psychology will provide students with the opportunity to critically review research findings and primary source readings; learn of empirically based applications to clinical, organizational and educational settings; and stimulate original thought through written assignments, on-line reflections, and in-class presentations.

PSY 3061 will be offered every year with a projected enrollment of 40 students. It may serve as an applied elective within the Psychology major (NYSED program codes 01963 and 60023); as an applied elective within the minor in Psychology; or as a general elective for the BA, BBA, and BS degrees.

AIV.1.10

Department(s)	SEEK
Career	<input checked="" type="checkbox"/> Undergraduate <input type="checkbox"/> Graduate
Academic Level	<input type="checkbox"/> Regular <input checked="" type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	First Year Seminar
Course Prefix	FYS
Course Number	0001
Course Title	SEEK Summer Seminar
Catalogue Description	The SEEK Summer Seminar is a six-week pre-college preparation program that prepares incoming first-year SEEK students to succeed in college via workshops

	designed to develop academic skills, support their transition into college, clarify intent through introspection, and introduce students to the SEEK community and other communities on campus.
Prerequisites	Students must have graduated H.S. and be accepted as incoming SEEK first-year students
Co-requisites	0-credit immersion math based on math placement
Credits	0
Contact Hours	6
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Summer 2018

Rationale: The SEEK Summer Seminar is an early extension of the existing SEEK freshman seminars sections - FRO 1000 and FRO 2000. It is an early start to, and is integrated with, the existing SEEK FRO courses. SEEK students are admitted to the college with SAT scores and College Admissions Averages below those that the college would normally accept. These students are also income-eligible (low-income), facing substantial financial hardship. The SEEK Summer Seminar is an intensive program that will serve as the start for students to develop their skills to handle the rigors of college work, support their transition from high school to college, and provide tools SEEK students need to succeed alongside their regularly admitted peers. It is the start of building connections and relationships between the SEEK team, peer mentors and students, and between the students themselves to form new communities. These connections support student success during the first year and beyond.

FYS 0001 will be offered every summer with a projected enrollment of 150 students. This course is graded on a pass/repeat basis.

The following recommendations of the Graduate Affairs Committee were approved at the Mildred and George Weissman School of Arts and Sciences Faculty Meeting on May 1, 2018 effective the Spring 2019 semester, pending approval of the Board of Trustees.

AIV.1.11

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Department(s)	Communication Studies
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Communication Studies
Course Prefix	COM
Course Number	9670
Course Title	Global Communication, Media, and Culture
Catalogue Description	This graduate seminar is designed to expand and enhance students' understanding of the dynamics of transcultural communication on a global scale. The course will assist students in becoming knowledgeable about and improving intercultural communication skills through a focus on theory, communicative tools, and critical analysis.
Prerequisites	none
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: This course was developed to respond to and amplify students' increasing interest in and attention to global flows of media and culture. The course prioritizes a dialogic approach to global communication, and the readings and content are designed to be inclusive of non-dominant perspectives. Designed as a thematic overview of some of the major issues and problems that arise in instances of intercultural communication, this course will prepare students to be culturally intelligent members of an increasingly global workforce.

COM 9670 will be offered every year with a projected enrollment of 25 students. It may be used as an elective for the MA in Corporate Communication (NYSED 22302).

AIV.1.12

Department(s)	Communication Studies
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Communication Studies
Course Prefix	COM
Course Number	9671
Course Title	Organizational Responses to Social Movements and Social Media
Catalogue Description	Terms like "Corporate Social Responsibility," "Corporate Citizenship," and "Sustainable Development" have become catchphrases for movements within corporations and amongst consumers. In this class, we will consider the historical backgrounds of contemporary social movements as a way to contextualize contemporary discussions. We will study the organizational strategies of social movements and the effects of social movements on corporate culture and marketing before the emergence of the Internet and social media platforms. From this historical context, we will examine the interactions between and permutations of contemporary corporations, social movements, and social media platforms. Students will be evaluated through written reflection papers, a term paper, and in-class presentations.
Prerequisites	none
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: This course has been developed to prepare students for a diverse, cross-cultural corporate environment by encouraging students to seek out and analyze multiple interpretations of contemporary social movements. Students will first study historic social movements, and then will contextualize contemporary movements that have used social media to advance their causes. This dual historic and contemporary approach encourages students to contextualize contemporary events and design policy

proposals which are informed by the success and failures of past reforms.

COM 9671 will be offered every year with a projected enrollment of 25 students. It may be used as an elective for the MA in Corporate Communication (NYSED 22302).

AIV.1.13

Department(s)	Communication Studies
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Communication Studies
Course Prefix	COM
Course Number	9672
Course Title	Visual Culture
Catalogue Description	This course examines the role of visual culture in the history and contemporary processes of globalization and global cultural flows. Exploring the concept of the visual construction of the social field, the course compares the means by which cultures visualize themselves and frame encounters with outsiders. The course provides a survey of contemporary theoretical engagements with cultural memory, consumerism, and colonialism and decolonization, looking at the role played by visual culture in changing concepts of national identity, globalization, and cultural politics. The course examines the tensions between the emerging identities of transnationalism and globalization and the traditional frameworks of national memory and upon the role of visual culture in the unfolding development of globalization.
Prerequisites	none
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: This course was developed in response to growing student interest in confronting the increasing importance of visual culture in shaping business practices, consumer behavior, and processes of individual and national identity formation across the globe. The course responds to recent scholarly and disciplinary reconceptualization of the fields of international communication, media studies, critical theory, and art history in order to bring current scholarly insights and methods to the curriculum.

COM 9672 will be offered every year with a projected enrollment of 25 students. It may be used as an elective for the MA in Corporate Communication (NYSED 22302).

AIV.1.14

Department(s)	Communication Studies
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Communication Studies
Course Prefix	COM
Course Number	9673
Course Title	Theories of Globalization and Culture
Catalogue Description	This course examines issues related to the globalization of communication, culture, and media. Beginning with a historiography of these terms, the course will examine multiple theoretical perspectives and case studies of cultural meeting, clash, and coalescence. Positive and negative aspects of globalizations will be explored through historic readings and contemporary case studies.
Prerequisites	none
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World

Rationale: This course responds to student requests for an internationalization of the curriculum and a foundation in the theoretical issues effecting their studies and careers. The course provides a solid theoretical grounding in Communication theory regarding globalization, and then invites students to construct case studies and policy proposals that address their specific interests. From this class, students will be better versed in globalization theory and practice, and will have a detailed understanding of the positive and negative effects of globalization.

COM 9673 will be offered every year with a projected enrollment of 25 students. It may be used as an elective for the MA in Corporate Communication (NYSED 22302).

AIV.1.15

Department(s)	Communication Studies
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Communication Studies
Course Prefix	COM
Course Number	9674
Course Title	International Perspectives on Digital and Media Literacy
Catalogue Description	This course will create a history of media literacy and digital literacy by focusing on how these discourses develop in relationship to changing industrial, technological, and political landscapes. In this pursuit, we will be contrasting between how these concepts have been formulated differently at different times in different regions including the U.S., Canada, the UK, Latin America, and East Asia. Throughout the course students will be given the opportunity to directly engage with practitioners to get a more robust idea of the pedagogical aspects of media literacy and digital literacy training.
Prerequisites	none
Credits	3
Contact Hours	3
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option <input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression

	<input type="checkbox"/> Individual and Society
	<input type="checkbox"/> Scientific World
Effective Term	Spring 2019

Rationale: Though scholars and practitioners hotly debate the meaning of media literacy and digital literacy, they all agree that a critical understanding of the technological capabilities, political context, and cultural values of contemporary media is an essential part of being both a communication professional and a citizen. This course seeks to cultivate a critical understanding of how we consume and use media by providing a history of the most significant experiments and debates within this subfield as well as an opportunity for students to assess in detail the training strategies developed by a media or digital literacy training program of their choice. After completing this course, students will be able to reflect more critically on how meaning is constructed through technology in their professional and personal lives.

COM 9674 will be offered every year with a projected enrollment of 25 students. It may be used as an elective for the MA in Corporate Communication (NYSED 22302).

AIV.1.16

Department(s)	Mathematics
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Mathematics
Course Prefix	MTH
Course Number	9877
Course Title	Interest Rate and Credit Models
Catalogue Description	The course introduces mathematical models used to price and risk manage financial derivatives in the interest rate and credit derivatives markets. The course offers a thorough introduction to all major quantitative methodologies currently used in the financial industry, including curve construction, volatility modeling, term structure modeling, credit risk, and counterparty credit risk modeling.
Prerequisites	MTH 9814, MTH 9831
Credits	3
Contact Hours	3.0 (14 weeks; 3 hours per week)
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, Honors, etc.)	
Course Applicability	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Major <input type="checkbox"/> Gen Ed Required <input type="checkbox"/> Gen Ed - Flexible <input type="checkbox"/> Gen Ed - College Option

	<input type="checkbox"/> English Composition <input type="checkbox"/> World Cultures <input type="checkbox"/> Mathematics <input type="checkbox"/> US Experience in its Diversity College Option Detail <input type="checkbox"/> <input type="checkbox"/> Science <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective Term	Fall 2018

Rationale: Interest rate and credit derivatives markets are by far the largest financial markets. Knowledge of interest rate and credit products and mathematical models describing them is in high demand across the financial industry. The course provides an in-depth overview of the most common interest rate and credit products and their mathematical modeling, and will enhance the competitiveness of our students in the job market.

This is an elective course in the Financial Engineering MS Program.

MTH 9877 will be offered every year with a projected enrollment of 35 students. It may serve as an elective for the MS in Financial Engineering (NYSED program code 24276).

Section AV. Changes in Existing Courses

AV.1.1 Change in Course Title and Description to be offered by the Library

CUNYfirst Course ID	092492		
FROM		TO	
Departments	Library	Departments	n/c
Course	LIB 4900 Social Informatics	Course	LIB 4900 <u>Advanced Topics in Information Studies</u>
Prerequisite	ENG 2100 and two 3000-level LIB courses, or departmental permission	Prerequisite	n/c
Hours	3	Hours	n/c
Credits	3	Credits	n/c
Description	Social informatics can be defined as the study of the production, distribution and consumption of information from social and organizational perspectives. In this course, students will analyze systems of information in context to gain insight into the basic principles of social informatics, as well as relevant social and moral	Description	<u>This course serves as the capstone for the Information Studies minor. Students will engage in a focused analysis of a selected topic in information studies and the debates around it, from the local to the global. Discussions will include the social, political, psychological, and ethical aspects of information and communication technologies. Students will develop and undertake a</u>

	issues. This course satisfies the capstone requirement of the Tier III Library Minor. This course may serve as the capstone course for students who have completed two 3000-level courses chosen from the minor course listing for the Library minor.		<u>semester-long, original research project related to the course topic.</u>
Requirement Designation		Requirement Designation	
Liberal Arts	[x] Yes [] No	Liberal Arts	[x] Yes [] No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Spring 2019

Rationale: Social Informatics is just one of many advanced topics in information studies that may be taught for the capstone. The change allows for other advanced topics in information studies to be taught for the capstone which will draw from the broad knowledge and expertise of department faculty. The research project, which is the focal point of the course, gives students an opportunity to apply and develop the information skills they have acquired in the previous courses in the sequence, while at the same time examining in detail aspects of an information studies topic.

AV.1.2 Change in Course Prerequisites to be offered by the Mathematics Department

CUNYfirst Course	093155
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ID			
FROM		TO	
Departments	Mathematics	Departments	n/c
Course	MTH 2205 Applied Calculus	Course	n/c
Prerequisite	MTH 2003	Prerequisite	<u>MTH 2003 or MTH 2009 with a grade of C- or better</u>
Hours	4	Hours	n/c
Credits	3	Credits	n/c
Description	This course will include the first and second derivative tests, optimization, exponential and logarithmic functions, Riemann sums, areas, antiderivatives and business applications. This course is not open to students who have completed MTH 2201, 2206, 2207 or 2610.	Description	n/c
Requirement Designation		Requirement Designation	
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input checked="" type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	General Education Component	<input type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input checked="" type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Fall 2018

Rationale: Enrollment Management has produced significant data indicating the strongest predictor of student success in a first calculus course is their mastery of precalculus. Consequently, effective with the fall 2018 semester, the prerequisites for MTH 2205 and MTH 2207 are being changed to include a minimum grade. This action is paired with the two-year repeat for mastery pilot program for precalculus courses.

AV.1.3 Change in Course Prerequisites and Description to be offered by the Mathematics Department

CUNYfirst Course ID	093157		
FROM		TO	
Departments	Mathematics	Departments	n/c
Course	MTH 2207 Applied Calculus and Matrix Applications	Course	n/c
Prerequisite	Placement or completion of MTH 2000 or MTH 2001, or the equivalent.	Prerequisite	Placement or completion of MTH 2000 or MTH 2001, or the equivalent <u>with a grade of C- or better</u>
Hours	4	Hours	n/c
Credits	4	Credits	n/c
Description	This course contains the calculus included in MTH 2003 and MTH 2205 and the matrix algebra found in MTH 2003. Topics to be discussed include algebra of matrices; inverses; linear systems of equations; Gaussian elimination; intuitive and geometric definitions of the limit; derivatives of algebraic, exponential and logarithmic functions; optimization problems; related rates; curve sketching and an introduction to integration. (Not open to students who have completed MTH 2003, 2205, or 2610.)	Description	This course contains the calculus included in MTH 2003 and MTH 2205 and the matrix algebra found in MTH 2003. Topics to be discussed include algebra of matrices; inverses; linear systems of equations; Gaussian elimination; intuitive and geometric definitions of the limit; derivatives of algebraic, exponential and logarithmic functions; optimization problems; related rates; curve sketching and an introduction to integration. (Not open to students who have completed MTH 2003, <u>MTH 2009</u> , 2205, or 2610.)
Requirement Designation		Requirement Designation	
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education	____ Not Applicable	General	____ Not Applicable

Component	<input type="checkbox"/> Required <input type="checkbox"/> English Composition <input checked="" type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	Education Component	<input type="checkbox"/> Required <input type="checkbox"/> English Composition <input checked="" type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Fall 2018

Rationale: Enrollment Management has produced significant data indicating the strongest predictor of student success in a first calculus course is their mastery of precalculus. Consequently, effective with the fall 2018 semester, the prerequisites for MTH 2205 and MTH 2207 are being changed to include a minimum grade. This action is paired with the two-year repeat for mastery pilot program for precalculus courses. The course description is being updated to include that MTH 2207 is not open to students who take MTH 2009, a new precalculus course being proposed by the Mathematics department.

AV.1.4 Change in Course Title, Prerequisites, and Description to be offered by the Mathematics Department

CUNYfirst Course ID	093169		
FROM		TO	
Departments	Mathematics	Departments	n/c
Course	MTH 3040 Actuarial Science Theory and Problem Seminar	Course	MTH 3040 Actuarial Seminar: <u>R for Actuaries</u>
Prerequisite	MTH 3020 or MTH 3030, and MTH 4120	Prerequisite	MTH 3020 or MTH 3030 <u>or MTH 3050</u>
Hours	2	Hours	n/c
Credits	2	Credits	n/c
Description	Mathematics 3040 is the study and analysis of challenging examples in such areas as differentiation and integration, infinite series, theory of equations, complex	Description	<u>This course is an introduction to R programming with applications in actuarial science. Although many applications may be related to topics in probability, interest theory,</u>

	number, and function of one and several variables. Techniques taught are beyond the scope and level presented for the comparatively routine types of questions encountered in ordinary mathematics classes and are designed to develop the kinds of approaches and thinking required for actuarial work and examinations. (Direct actuarial applications are not included.)		insurance and risk modeling, and mathematical finance, <u>no prior knowledge of these topics is presupposed.</u>
Requirement Designation		Requirement Designation	
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Spring 2019

Rationale: The course description and title are being updated to reflect a change in the focus of the course commensurate with changes within the actuarial profession. The R programming language is becoming more important within the field of actuarial science, and students are expected to have a working knowledge of the language when analyzing modern insurance products. This course will provide an introduction to basic R syntax, programming techniques, and statistical data analysis tools that are recommended by the Society of Actuaries.

AV.1.5 Change in Course Description to be offered by the Mathematics Department

CUNYfirst Course ID	093173		
FROM		TO	
Departments	Mathematics	Departments	n/c
Course	MTH 3300 Algorithms, Computers, and Programming I	Course	n/c
Prerequisite	MTH 2610 (2010), MTH 2630, MTH 3006, or MTH 3010; or permission of the department.	Prerequisite	n/c
Hours	4	Hours	n/c
Credits	3	Credits	n/c
Description	The objective of this course is to provide the basic knowledge and experience necessary to use computers effectively by developing an understanding of the interplay between the computer, its associated languages, and the structured development of algorithms. Topics to be covered include computer organization and operation, data representation, algorithm development and specification, and programming languages and techniques. These topics are developed through the study and application of a higher-level language. MTH 3300 is not open to students who have completed CIS 3100 or CIS 3120.	Description	The objective of this course is to provide the basic knowledge and experience necessary to use computers effectively by developing an understanding of the interplay between the computer, its associated languages, and the structured development of algorithms. Topics to be covered include computer organization and operation, data representation, algorithm development and specification, and programming languages and techniques. These topics are developed through the study and application of a higher-level language. MTH 3300 is not open to students who have completed CIS 3120.
Requirement Designation		Requirement Designation	
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education	<u> </u> x <u> </u> Not Applicable	General	<u> </u> x <u> </u> Not Applicable

Component	<input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	Education Component	<input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Fall 2018

Rationale: This serves as a correction to the course description revision in the January 2018 CUR. Due to the updated articulation between courses in the Departments of Mathematics and Information Systems and Statistics, students who have completed CIS 3100 now are eligible to enroll in MTH 3300.

AV.1.6 Change in Course Title, Prerequisites, and Description to be offered by the Mathematics Department

CUNYfirst Course ID	093190		
FROM		TO	
Departments	Mathematics	Departments	n/c
Course	MTH 4130 Mathematics of Statistics	Course	MTH 4130 Mathematics of <u>Data Analysis</u>
Prerequisite	MTH 4120	Prerequisite	MTH 4120; or MTH 3120 and <u>MTH 4119</u>
Hours	4	Hours	n/c
Credits	4	Credits	n/c
Description	This course is an introduction to linear single and multiple regression analysis and linear time series models. Topics include: least squares estimates, model utility tests such as the adjusted R² and overall F tests, significance testing of independent	Description	<u>This course is an introduction to statistics with a focus on data analysis. Topics covered during the first half of the course include confidence intervals, hypothesis testing, and linear regression. The second half of the course concerns time-series with topics including exponential</u>

	variables, confidence and prediction intervals, dummy variables, autocorrelation, seasonal analysis, exponential smoothing, and forecasting.		smoothing models, <u>autoregressive and moving average models. Topics and methods in cluster analysis such as K-means cluster analysis and hierarchical cluster analysis will be covered near the end of the semester. Students are introduced to practical data analysis skills using statistical software such as SAS or MATLAB, or using the R programming language.</u> <u>Not open to students who have completed STA 3155.</u>
Requirement Designation		Requirement Designation	
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Spring 2019

Rationale: The course description and title are being updated to reflect the course content more accurately than the previous description. This course covers regression and time-series analysis techniques in statistics. Other statistical topics in inferential statistics will be covered in the newly created MTH 4430 course. The addition of cluster analysis will enhance the relevance of the course for

actuarial science majors who will be required to know this material for the newly created SRM exam offered by the Society of Actuaries. An additional remark is being added to proscribe students from taking both MTH 4130 and STA 3155 as the two classes cover similar content.

AV.1.7 Change in Course Prerequisites and Description to be offered by the Mathematics Department

CUNYfirst Course ID	093212		
FROM		TO	
Departments	Mathematics	Departments	n/c
Course	MTH 4500 Introductory Financial Mathematics	Course	n/c
Prerequisite	MTH 3020 or MTH 3030; and MTH 3120 or MTH 4120	Prerequisite	MTH 3020 or MTH 3030 <u>or</u> MTH 3050; and MTH 3120 or MTH 4120
Hours	4	Hours	n/c
Credits	4	Credits	n/c
Description	<p>This course is an introduction to the mathematical methods used in finance and their practical applications. The course begins with a review of discrete and continuous probability, including Brownian motion. The finite difference methods, Monte Carlo simulation, Newton's method, and the least squares problem will be studied. These methods will be applied to solve the Black- Scholes equation, price American options, price exotic options, and find the zero curves. Other methods include forwards and futures, arbitrage pricing theory, bonds and swaps, bootstrapping, European and American options, put-call parity, binomial trees for options pricing, and exotic options.</p>	Description	<p>This course is an introduction to mathematical methods used in finance and their applications. <u>No prior knowledge of finance is assumed. Basic financial instruments such as forward and futures contracts, options, and bonds are introduced. The course is built around three major themes: (i) risk-free assets and the term structure of interest rates; (ii) Markowitz portfolio optimization and the Capital Asset Pricing Model; (iii) No Arbitrage principle and its applications including pricing and hedging of derivative securities in the context of the multi-period binomial model and its continuous analog, the Black-Scholes model. Students are expected to use their knowledge of probability, single and multi-variable calculus, and basic linear algebra to master mathematical finance theories and apply them in real world situations.</u></p>
Requirement Designation		Requirement Designation	

Liberal Arts	[x] Yes [] No	Liberal Arts	[x] Yes [] No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Spring 2019

Rationale: MTH 3050 is being added as a possible prerequisite to correct an earlier oversight. The course description has been updated to reflect a shift in focus that is consistent with changes made by the Society of Actuaries along with changes in the financial industry itself.

AV.1.8 Change in Course Title, Prerequisites, and Description to be offered by the Natural Sciences Department

CUNYfirst Course ID	090334 (BIO 3030) and 091501 (ENV 3030)		
FROM		TO	
Departments	Natural Sciences	Departments	n/c
Course	BIO/ENV 3030 <u>History and Evolution of Life</u>	Course	BIO/ENV 3030 <u>Principles of Evolution: Processes, Patterns, and the History of Life</u>
Prerequisite	A one-semester college natural science course with laboratory and departmental permission.	Prerequisite	A one-semester college natural science course with laboratory*, <u>preferably in environmental studies or biology</u> , and departmental permission. * <u>Note: This includes the</u>

			<u>college's paired Pathways science courses: BIO 1011L and BIO 1012; BIO 1015L and BIO 1016; CHM 1003L and CHM 1004; ENV 1003L and ENV 1004; or PHY 2001 and PHY 2002L</u>
Hours	2.0 lecture, 1.0 recitation, 2.0 lab	Hours	n/c
Credits	4	Credits	n/c
Description	<p>This course examines the impact and applications of Darwin's theory of evolution in biology and covers the evolution of life from its beginnings to modern time. Topics include the ecology of populations, the origin of eukaryotic cells, the evolution and extinction of dinosaurs, and the use of DNA data as evidence of relationship. Sources include texts, articles, museum displays, and the Internet. Laboratory and field work include trips to museums and field observations. Students will present oral reports on current discoveries and controversies related to evolutionary biology, and they will write reports and Web pages.</p> <p>This course is equivalent to ENV 3030. Students will receive credit for either BIO 3030 or ENV 3030. These courses may not substitute for each other in the F grade replacement policy.</p>	Description	<p><u>This course focuses on the principles of biological evolution. Topics include the impact and application of Darwin's theory of natural selection, and contemporary concepts of adaptation, molecular evolution, formation of new species, the fossil record, biogeography, and principles of classification.</u> Laboratory and field work may include trips to museums, <u>zoos</u> and field observations. Students will present oral reports on current discoveries and controversies related to evolutionary biology.</p> <p>This course is equivalent to ENV 3030. Students will receive credit for either BIO 3030 or ENV 3030. These courses may substitute for each other in the F grade replacement policy.</p>
Requirement Designation		Requirement Designation	
Liberal Arts	[x] Yes [] No	Liberal Arts	[x] Yes [] No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	

General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Spring 2019

Rationale: This course in evolution has not been offered for many years, and the revised version will fill an intellectual gap in the offerings of the Natural Sciences Department. BIO/ENV 3030 will be offered once per year with a projected enrollment of 22 students. It may be used as an elective within the Interdisciplinary Minor in Environmental Sustainability and within the Natural Sciences Minor; as an elective within the Biological Sciences Major (NYSED program code 35195), or as a general elective for the BA, BBA, or BS degrees.

AV.1.9 Change in Course Number, Prerequisites and Description to be offered by the Political Science Department

CUNYfirst Course ID	093756		
FROM		TO	
Departments	Political Science	Departments	n/c
Course	POL 2220 State and Local Government	Course	POL <u>3220</u> State and Local Government
Prerequisite	ENG 2100 or equivalent	Prerequisite	ENG 2100 or equivalent, <u>and one of the following: POL 1101 or 2353; or departmental permission.</u>
Hours	3	Hours	n/c
Credits	3	Credits	n/c
Description	A study of the legislative and administrative process of states, counties,	Description	<u>This course examines the legislative and administrative process of states, counties,</u>

	municipalities, and special districts. This course analyzes the increasing importance of the administrative and the executive in modern government; the relationship among the executive, legislative, and judicial branches of the government; and the influence of political parties, pressure groups, and public opinion upon legislation and administration.		municipalities, and special districts. <u>Students analyze</u> the increasing importance of the administrative and the executive in modern government; the relationship among the executive, legislative, and judicial branches of the government; and the influence of political parties, pressure groups, and public opinion upon legislation and administration.
Requirement Designation		Requirement Designation	
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Spring 2019

Rationale: Students want to learn more about three basic authorities—police, health and welfare regulations, and land use— which state and local governments control and have more immediate impacts on their daily lives as citizens. But few upper-division level courses are currently provided, except some introductory or survey level courses. Faculty in department want to satisfy such a growing student demand. Also, currently, as a 2000 level course, POL 2220 can be used by students only as an elective or to satisfy political science major requirements. By elevating it to a 3000-level, the course will have broader utility as it could also be used to satisfy political science minor requirements.

AV.1.10 Change in Course Prerequisites and Description to be offered by the Psychology Department

CUNYfirst Course ID	136991		
FROM		TO	
Departments	Psychology	Departments	n/c
Course	PSY 2100 Statistics for Social Science	Course	n/c
Prerequisite	<p>One of the following courses: MTH 1030; MTH 2003; MTH 2205; MTH 2206; MTH 2207; MTH 2610; or any MTH course at the 3000-level or above.</p> <p>Neither MTH 2140 nor 2160 serves as a prerequisite for this course.</p>	Prerequisite	<p>One of the following courses: <u>MTH 1023</u>; MTH 1030; <u>MTH 2000</u>; <u>MTH 2001</u>; MTH 2003; <u>MTH 2009</u>; MTH 2205; MTH 2206; MTH 2207; MTH 2610; or any MTH course at the 3000-level or above.</p> <p>Neither MTH 2140 nor 2160 serves as a prerequisite for this course.</p>
Hours	4	Hours	n/c
Credits	3	Credits	n/c
Description	<p>This course is an introduction to statistical concepts and methods of organizing, presenting, and analyzing quantitative data used in the conduct of scientific research. Topics include measurement scales; descriptive statistics; basic probability and probability distributions; concepts of sample, population, and sampling distribution; elements of statistical inference; correlation; regression; one-sample and two-sample t-tests; and analysis of variance. The following distributions are examined and applied to the solution of problems: binomial, normal, t, and F distributions.</p> <p>Techniques for using statistical software as a tool to analyze data will be introduced.</p>	Description	n/c

	This course is not open to students who have taken BIO/ENV 2100, STA 2100, or STA 2000 and is not an option for BBA majors. PSY 2100 cannot be used in lieu of STA 2000 to satisfy the pre-business core requirement for a Zicklin major or to satisfy the prerequisite for any intermediate or advanced STA course. STA 2100 and PSY 2100 may substitute for each other in the F-replacement policy.		
Requirement Designation		Requirement Designation	
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Fall 2018

Rationale: The course prerequisites are being revised to include MTH 2000 and MTH 2001 (two old Baruch course numbers that many students still transfer to the college), and two new courses, MTH 1023 and MTH 2009, which serve as alternates to the existing college algebra and precalculus courses. As MTH 1023 and 1030 overlap significantly with respect to the material that is covered, the

Psychology Department has agreed to accept MTH 1023 as an alternative prerequisite for PSY 2100.

AV.1.11 Change in Course Description and New Cross-listing to be offered by the Sociology/Anthropology Department

CUNYfirst Course ID	094382		
FROM		TO	
Departments	Sociology and Anthropology	Departments	n/c
Course	SOC 3137 Sociology of Health and Illness	Course	SOC/ <u>ANT</u> 3137 Sociology of Health and Illness
Prerequisite	SOC 1005 or ANT 1001; and ENG 2100	Prerequisite	n/c
Hours	3	Hours	n/c
Credits	3	Credits	n/c
Description	The course is designed to develop sociological ideas within the context of health care and to apply the tools of sociological analysis to the study of important practical issues in such areas as treatment patterns and patient care. Emphasis will be on the attitudes and values that various segments of the population have toward health, illness, and medical care; the relations among doctors, patients, and other paramedical staff; and the social organization of health care institutions, including hospitals, health centers, private medical practice, insurance companies, the drug industry, and consumer movements in health care.	Description	<u>This course is designed to introduce students to the social scientific and cross-cultural study of health and illness (including the conceptual differences among illness, sickness, and disease): health and illness are universal features of human experience. We will also critically analyze the structural determinants of who falls sick, explore the meanings of "medicine," "bodies," and "technologies," and investigate the roles that cultural beliefs and social institutions play in shaping sickness in different societies around the world.</u> <u>Students will receive credit for either ANT 3137 or SOC 3137. These courses may substitute for each other in the F grade replacement policy.</u>
Requirement Designation		Requirement Designation	
Liberal Arts	[x] Yes [] No	Liberal Arts	[x] Yes [] No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education	<u>__x__</u> Not Applicable	General	<u>__x__</u> Not Applicable

Component	<input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	Education Component	<input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Spring 2019

Rationale: The prior course description was limited to a strictly sociological study of health and illness, primarily in the United States. Since the department is also an anthropology department that offers a minor in anthropology, and in light of Baruch College's emphasis in recent years on expanding studies of globalization across schools and departments, the updated description addresses both these changes, requiring the course now be cross-listed as ANT 3137.

AV.1.12 Change in Course Hours and Credits to be offered by the Mathematics Department

CUNYfirst Course ID	093247		
FROM		TO	
Departments	Mathematics	Departments	n/c
Course	MTH 9814 Financial Markets and Securities	Course	n/c
Prerequisite	Two semesters of calculus and either a probability or a statistics undergraduate course.	Prerequisite	n/c
Hours	3	Hours	<u>1.5 (7 weeks; 3 hours per week)</u>
Credits	3	Credits	<u>1.5</u>
Description	This course presents some of the fundamental derivative securities traded in the financial markets: options, forwards, futures, and swaps. Pricing principles such as	Description	n/c

	arbitrage pricing, risk-neutral pricing, the Black-Scholes formula, and binomial trees will also be discussed.		
Requirement Designation		Requirement Designation	
Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Liberal Arts	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World	General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Fall 2018

Rationale: This course was offered every fall semester since 2005 on a 14-week schedule. A third of the course was devoted to fundamental probability topics and other topics that are now covered in the MTH 9831 Stochastic Processes for Finance. Two other class sessions were devoted to numerical methods for pricing and hedging derivative securities, now covered in MTH 9821 Numerical Methods for Finance. The program proposes a 7-week, 1.5 credit course that covers the same markets and instruments as the 14-week course (equities, interest rate, and credit), building on knowledge amassed in other courses while eliminating redundancies. This will increase the flexibility of the curriculum and the ability of the students to take the course in conjunction with other course offerings.

AV.1.13 Change in Course Hours and Credits to be offered by the Mathematics Department

CUNYfirst Course ID	093248		
FROM		TO	
Departments	Mathematics	Departments	n/c

Course	MTH 9815 Software Engineering in Finance	Course	n/c
Prerequisite	Knowledge of C++ programming (as provided by an undergraduate level class)	Prerequisite	n/c
Hours	3	Hours	<u>1.5 (7 weeks; 3 hours per week)</u>
Credits	3	Credits	<u>1.5</u>
Description	This course involves the careful examination of software development techniques for solving problems in finance. Emphasis is placed on productivity and the development of software engineering skills including automation, source control, and API design. The course is aimed at students who have a basic understanding of C++ and quantitative finance. The primary development language is Python.	Description	n/c
Requirement Designation		Requirement Designation	
Liberal Arts	[x] Yes [] No	Liberal Arts	[x] Yes [] No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society	General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society

	___ Scientific World		___ Scientific World
Effective		Effective	Fall 2018

Rationale: This course was offered every fall semester since 2003 on a 14-week schedule. Forty percent of the course was devoted to teaching C++ and Python which are now required to be known in advance by the students. The program proposes a 7-week, 1.5 credit course that covers the same topics as before while eliminating the teaching of C++ and Python. This will increase the flexibility of the curriculum and the ability of the students to take the course in conjunction with other course offerings.

AV.1.14 Change in Course Title and Description to be offered by the Mathematics Department

CUNYfirst Course ID	093253		
FROM		TO	
Departments	Mathematics	Departments	n/c
Course	MTH 9842 Linear and Quadratic Optimization Techniques	Course	MTH 9842 Optimization Techniques <u>in Finance</u>
Prerequisite	MTH 9814 and MTH 9821	Prerequisite	n/c
Hours	1.5	Hours	n/c
Credits	1.5	Credits	n/c
Description	This course will cover linear and quadratic optimization as well as other nonlinear techniques. Applications from finance will include problems in game theory and portfolio optimization.	Description	<u>Optimization techniques play a key role in the industry both on the buy and sell sides.</u> This course will cover linear and quadratic optimization as well as other nonlinear techniques and their applications to finance.
Requirement Designation		Requirement Designation	
Liberal Arts	[x] Yes [] No	Liberal Arts	[x] Yes [] No
Course Attribute (e.g. Writing Intensive, WAC, etc.)		Course Attribute (e.g. Writing Intensive, WAC, etc.)	
General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible	General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible

	<input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World		<input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World
Effective		Effective	Fall 2018

Rationale: This course has a strong emphasis on applying optimizations techniques for financial applications. The new name and description of the course better communicate the broadness of the course and its focus on financial applications.

Section AVI. Courses Withdrawn

AVI.1.1

THE 3010 Workshop in Children's Theatre

Rationale: THE 3010 Workshop in Children's Theatre has not been offered in many years, and there is no evidence of student demand. The Department of Fine and Performing Arts has developed a new course, THE 3020 Applied Theatre Workshop, which is better suited to the current landscape of educational theatre.

CHANCELLOR'S UNIVERSITY REPORT ADDENDUM April 2018, EFFECTIVE FALL 2018

PART A: ACADEMIC MATTERS

BARUCH COLLEGE

June 2017 Chancellor's University Report	SECTION AIV. New Courses Item AV.1.1 The following revisions are proposed for the Pre/co-requisites of ECO 3140 (Game Theory): Pre-requisites: ECO 1001 AND [(ZICK or ZKTP student group) or Official ASCI-BA or Official ECO-BA or Official ECO Liberal Arts Minor].
June 2017 Chancellor's University Report	SECTION AIV. New Courses Item AV.1.2 The following revisions are proposed for the Pre/co-requisites of ECO 4010 (Applied Micro-Econometrics): Pre-requisites: ECO 4000 AND [(ZICK or ZKTP student group) or Official ECO-BA or Official ECO Liberal Arts Minor].
June 2017 Chancellor's University Report	SECTION AIV. New Courses Item AV.1.3 The following revisions are proposed for the Pre/co-requisites of ECO 4120 (Behavioral Economics): Pre-requisites: [ECO 3100 or ECO 3140 or ECO 4000] AND [(ZICK or ZKTP student group) or Official ECO-BA or Official ECO Liberal Arts Minor].

June 2017
Chancellor's
University
Report

SECTION AIV. New Courses

Item AV.1.4 The following revisions are proposed for the Pre/co-requisites of MKT 4630 (Marketing Analytics with Big Data):

Pre-requisites: MKT 3000 AND (ZICK or ZKTP student group).

January 2018
Chancellor's
University
Report

SECTION AV. Change of Course Number, Title, Description, Credits, Hours, Co or Pre-requisites

Item AV.1.2 The following revisions are proposed for the Pre/co requisites changes to RES 4550 (Analytical Skills in Real Estate):

Pre-requisites: RES 3200 AND (ZICK or ZKTP student group).

CHANCELLOR'S UNIVERSITY REPORT ERRATA, NOVEMBER 2017

Part A: Academic Matters

Baruch College

November 2017 CUR, Section AIV: New Courses; Chancellor's Report Item AIV.1.2: BUS 9558 is not open to MBA students who have completed BUS 9551 and either BUS 9552 or BUS 9553. Not open to MS students who have completed BUS 9551.