

June 2014

Baruch College

Chancellor’s University Report – Part A: Academic Matters

PART A: ACADEMIC MATTERS

Section AllI: Changes in Degree Programs

AllI:10.1a. The following revisions are proposed for the Minor in Film Studies

From: MINOR IN FILM STUDIES			From: MINOR IN FILM STUDIES		
<p>The Film Minor offers students an interdisciplinary program suitable for both business and liberal arts and sciences students who have an interest in developing an understanding of film as a medium as well as its relationship to social movements, national cultures, and related artistic forms. Students minoring in film acquire skills for analyzing mainstream film texts as well as those arising from alternative models of production and distribution. The program surveys the evolution of international film from its origins at the end of the nineteenth century to its current status as a vital and economically powerful contemporary art form. In order to complete a minor in Film Studies, students must take three courses, one of which must be FLM 3001 (History of Film I), FLM 3002 (History of Film II), or ENG 3260 (The Art of Film); one 3000 or 4000 level course from the list of approved electives; and FLM 4900 (Critical Approaches to Film).</p>			<p>The Film Minor offers students an interdisciplinary program suitable for both business and liberal arts and sciences students who have an interest in developing an understanding of film as a medium as well as its relationship to social movements, national cultures, and related artistic forms. Students minoring in film acquire skills for analyzing mainstream film texts as well as those arising from alternative models of production and distribution. The program surveys the evolution of international film from its origins at the end of the nineteenth century to its current status as a vital and economically powerful contemporary art form. In order to complete a minor in Film Studies, students must take three courses, one of which must be FLM 3001 (History of Film I), FLM 3002 (History of Film II), or ENG 3260 (The Art of Film); one 3000 or 4000 level course from the list of approved electives; and FLM 4900 (Critical Approaches to Film).</p>		
Course	Description	Crs	Course	Description	Crs
Required Capstone			Required Capstone		
FLM 4900	Critical Approaches to Film	3	FLM 4900	Critical Approaches to Film	3
Required Course:			Required Course:		
One course from the following:			One course from the following:		
ENG 3260	The Art of Film	3	ENG 3260	The Art of Film	3
FLM 3001	History of Film I	3	FLM 3001	History of Film I	3

FLM 3002	History of Film II	3	FLM 3002	History of Film II	3
Electives: One course from the following:			Electives: One course from the following:		
ART 3244	The Influence of Visual Arts on Film	3	ART 3244	The Influence of Visual Arts on Film	3
CHI 4183	Chinese Cinema (taught in Chinese)	3	CHI 4183	Chinese Cinema (taught in Chinese)	3
CMP/FLM 3151	History of French Cinema	3	CMP/FLM 3151	History of French Cinema	3
CMP/FLM 3160	Latin American Cinema	3	CMP/FLM 3160	Latin American Cinema	3
CMP 4100	Immigration Cinema: Migrations and Border Crossings to the U.S. and Europe	3	CMP 4100	Immigration Cinema: Migrations and Border Crossings to the U.S. and Europe	3
COM 3059	Video Communication and Production	3	COM 3059	Video Communication and Production	3
ENG 3260	The Art of Film	3	ENG 3260	The Art of Film	3
ENG 3270	Film and Literature	3	ENG 3270	Film and Literature	3
ENG 3285	Women in Film	3	ENG 3285	Women in Film	3
ENG 3940	Topics in Film	3	ENG 3940	Topics in Film	3
FLM 3001	History of Film I	3	FLM 3001	History of Film I	3
FLM 3002	History of Film II	3	FLM 3002	History of Film II	3
FRE 4503	Contemporary French Cinema and Society (taught in French)	3	FRE 4503	Contemporary French Cinema and Society (taught in French)	3
JRN 3280	Documentary Film	3	JRN 3280	Documentary Film	3
JRN 3650	Film Writing Workshop	3	JRN 3650	Film Writing Workshop	3
MSC 3034	Music in Film	3	MSC 3034	Music in Film	3
SPA 4183	Spanish Film: Cinematic Representations of the Spanish Artistic Tradition (taught in Spanish)	3	PHI 3060	Philosophy of Film and Photography	3
			SPA 4183	Spanish Film: Cinematic Representations of the Spanish Artistic Tradition (taught in Spanish)	3

Rationale: PHI 3060, titled "Philosophy of Film and Photography", has a natural place within the Film Studies Program. The course as traditionally offered covers such topics as the ontology and aesthetics of still and moving photographic representations, the phenomenology of cinema, the nature of photographic truth, the metaphysics of time in film, and so on. Discussions are conducted with reference to specific films and photographs chosen especially

for the exemplary clarity with which they embody forth the relevant philosophical questions, and the connections between the philosophy of film and the history of the photographic arts are always emphasized.

All:10.2a. The following revisions are proposed for the Minor in Jewish Studies

From: MINOR IN JEWISH STUDIES			From: MINOR IN JEWISH STUDIES		
The Jewish Studies Program offers an interdisciplinary approach to the academic study of Jewish culture, history, sociology, literature, art, film and religion. While the focus of Baruch's Jewish Studies program highlights the American, and more specifically, the New York Jewish experience, all courses that center on Jewish-related subjects fulfill the requirements for the minor. These courses are offered often cross-listed with other departments and are open to all students; they address the historical, social, cultural, religious and political life of American and world Jewry.			The Jewish Studies Program offers an interdisciplinary approach to the academic study of Jewish culture, history, sociology, literature, art, film and religion. While the focus of Baruch's Jewish Studies program highlights the American, and more specifically, the New York Jewish experience, all courses that center on Jewish-related subjects fulfill the requirements for the minor. These courses are offered often cross-listed with other departments and are open to all students; they address the historical, social, cultural, religious and political life of American and world Jewry.		
Course	Description	Crs	Course	Description	Crs
Required Course			Required Course		
JWS 4900	Mapping the Jewish Experience	3	JWS 4900	Mapping the Jewish Experience	3
Electives:			Electives:		
Choose two of the following courses:			Choose two of the following courses:		
ANT 3153	Urban Anthropology	3	ANT 3153	Urban Anthropology	3
ANT/SOC 3085	Special Topics in Anthropology and Sociology *	3	ANT/SOC 3085	Special Topics in Anthropology and Sociology *	3
ANT/SOC/REL 4050	Religious Worlds of New York	3	ANT/SOC/REL 4050	Religious Worlds of New York	3
CMP/JWS 4001	Laughter Through the Tears: Classic Yiddish Fiction	3	CMP/JWS 4001	Laughter Through the Tears: Classic Yiddish Fiction	3
ENG 3032	Ethnic Literature *	3	ENG 3032	Ethnic Literature *	3
ENG 3940	Topics in Film *	3	ENG 3940	Topics in Film *	3
ENG 4550	Jewish-American Literature	3	ENG 4550	Jewish-American Literature	3
HEB 3311	History (Ancient) of the Jewish People as	3	HEB 3311	History (Ancient) of the Jewish People as	3

	Reflected in Literature			Reflected in Literature	
HEB 3312	History (Medieval/Modern) of the Jewish People as Reflected in Literature	3	HEB 3312	History (Medieval/Modern) of the Jewish People as Reflected in Literature	3
HEB 4304	The Hebrew Essays	3	HEB 4304	The Hebrew Essays	3
HIS/POL/REL 3008	Religion and Politics in the United States	3	HIS/POL/REL 3008	Religion and Politics in the United States	3
HIS 3360	Topics in European History *	3	HIS 3360	Topics in European History *	3
HIS 3460	Topics in American History *	3	HIS 3460	Topics in American History *	3
HIS 3472	American Urban History	3	HIS 3472	American Urban History	3
HIS 3550	The Immigrant in American History	3	HIS 3550	The Immigrant in American History	3
HIS 3551	History of the People of the City of New York	3	HIS 3551	History of the People of the City of New York	3
HIS 3560	History of the Jewish People in America	3	HIS 3560	History of the Jewish People in America	3
JWS 3950	Special Topics in Jewish Studies	3	JWS 3950	Special Topics in Jewish Studies	3
POL 3086	The Modern Middle East and North Africa	3	PHI 3130	Christian, Jewish, and Islamic Philosophy in the Middle Ages	3
REL 3002	The Traditions of Judaism	3	POL 3086	The Modern Middle East and North Africa	3
REL 3220	Modern Jewish Thought	3	REL 3002	The Traditions of Judaism	3
REL 3525	The Hebrew Bible	3	REL 3220	Modern Jewish Thought	3
			REL 3525	The Hebrew Bible	3
* Students may use this course if the topic is relevant to the minor. Please consult the Director of the Jewish Studies Program for permission.			* Students may use this course if the topic is relevant to the minor. Please consult the Director of the Jewish Studies Program for permission.		

Rationale: Having consulted the Coordinator of the Jewish Studies Program, the Department of Philosophy feels that PHI 3130, titled "Christian, Jewish, and Islamic Philosophy in the Middle Ages," fits within that program and will enrich it with new perspectives and concepts. The course as designed and taught focuses upon the parallel (and, on occasion, instructively divergent) evolution of certain key philosophical ideas in those three traditions, each of which is studied in close relation to the others. What emerges from this study is thus a nuanced understanding of (a) the medieval sources of Jewish philosophy; (b) the influence of Jewish thought on Christian and Islamic thought, and vice versa; and (c) the overall context of

interfaith dialogue in which certain key features of Jewish, Christian, and Islamic philosophy took shape.

All:10.3a. The following revisions are proposed for the Minor in Law and Policy

From: MINOR IN LAW AND POLICY			From: MINOR IN LAW AND POLICY		
<p>The Department of Law at the Zicklin School of Business and the Weissman School of Arts and Sciences offer a joint interdisciplinary program in law and policy. The law and policy concentration is suitable for both liberal arts and business students who have an interest in developing a critical, multidisciplinary understanding of the U.S. legal system. This program focuses on analyzing the legal system from various liberal arts and jurisprudential perspectives and thus draws heavily on philosophical, historical, sociological, and political insights about law and individual rights.</p> <p>To satisfy the liberal arts concentration in law and policy, students must first take two of the courses listed below from the Weissman School of Arts and Sciences and then take one of the capstone courses offered by Department of Law.</p>			<p>The Department of Law at the Zicklin School of Business and the Weissman School of Arts and Sciences offer a joint interdisciplinary program in law and policy. The law and policy concentration is suitable for both liberal arts and business students who have an interest in developing a critical, multidisciplinary understanding of the U.S. legal system. This program focuses on analyzing the legal system from various liberal arts and jurisprudential perspectives and thus draws heavily on philosophical, historical, sociological, and political insights about law and individual rights.</p> <p>To satisfy the liberal arts concentration in law and policy, students must first take two of the courses listed below from the Weissman School of Arts and Sciences and then take one of the capstone courses offered by Department of Law.</p>		
Course	Description	Crs	Course	Description	Crs
Required Capstone Course:			Required Capstone Course:		
Choose one of the following:			Choose one of the following:		
LAW 4900	Law, Public Policy, and Legal Theory *	3	LAW 4900	Law, Public Policy, and Legal Theory *	3
LAW 4905	U.S. Immigration Law and Policy*	3	LAW 4905	U.S. Immigration Law and Policy*	3
LAW 4906	Women, Law, and Policy*	3	LAW 4906	Women, Law, and Policy*	3
Electives:			Electives:		
Choose two of the following courses:			Choose two of the following courses:		
BLS/SOC 3014	Civil Rights Legislation and Litigation	3	BLS/SOC 3014	Civil Rights Legislation and Litigation	3
JRN 3220	Media Ethics	3	COM/PHI 3045	Communication Law and Free Speech	3

ENV 3005	Economic and Legal Aspects of Ecology	3	JRN 3220	Media Ethics	3
HIS/POL 3005	Social Welfare Policy	3	ENV 3005	Economic and Legal Aspects of Ecology	3
HIS/POL/REL 3008	Religion and Politics in the United States	3	HIS/POL 3005	Social Welfare Policy	3
HIS 3060	African American History	3	HIS/POL/REL 3008	Religion and Politics in the United States	3
HIS 3650	Women in America	3	HIS 3060	African American History	3
LAW 3122	Law and the Environment*	3	HIS 3650	Women in America	3
PHI 3020	Philosophy of Law	3	LAW 3122	Law and the Environment*	3
PHI 3260	Crime and Punishment	3	PHI 3020	Philosophy of Law	3
POL 3313	Constitutional Law	3	PHI 3260	Crime and Punishment	3
POL 3314	Civil Liberties	3	POL 3313	Constitutional Law	3
POL 3422	Urban Public Policy	3	POL 3314	Civil Liberties	3
PSY 3069	Psychology and Law	3	POL 3422	Urban Public Policy	3
SOC 3154	Crime and Justice in Sociological Perspective	3	PSY 3069	Psychology and Law	3
		3	SOC 3154	Crime and Justice in Sociological Perspective	3
* For the purposes of this program, this course counts as an Arts and Sciences course.			* For the purposes of this program, this course counts as an Arts and Sciences course.		

Rationale: The current Law and Policy minor is described as “an interdisciplinary program suitable for both liberal arts and business students who have an interest in developing a critical and multidisciplinary understanding of the U.S. legal system The program emphasizes philosophical, historical, sociological, and political insights about law and individual rights.” This course would expand and enhance the minor by giving students the opportunity to study issues related to communication law and free speech.

All:10.4a. The following revisions are proposed for the Major in Psychology

Program: BA in Psychology

Program Code: 01963

HEGIS Code: 2001.00

Effective: Spring 2015

From: MAJOR IN PSYCHOLOGY	From: MAJOR IN PSYCHOLOGY
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FIELD DESCRIPTION

Psychology courses familiarize students with the scientific study of mind and behavior. This discipline relies on methods ranging from simple observation to rigorous experimentation. Its subjects include how we develop and learn, how our actions are motivated, how we perceive the world around us, how we respond to it intellectually and emotionally, and how these processes change throughout life and are integrated into the personality under social influences. The department offers courses that apply psychology to a variety of practical settings, including the workplace, clinical, legal, and school environments.

THE MAJOR

The Psychology major is the most popular course of undergraduate students nationwide. Many of them will ultimately establish careers outside the field of Psychology, but will do so in areas which rely on the understanding of human thought and behavior. Psychology is an appropriate major for those who plan to work, for example, in business, law, the health care professions, education, public affairs, non-profit agencies, and computer science.

To prepare for a career in psychology or an allied profession such as social work or counseling, students must earn a master's or doctoral degree. Graduate programs in psychology are selective and take into consideration a student's academic record, letters of recommendation, field and research experience, and, in most cases, GRE scores. A number of American Psychological Association publications, including the APA Guide to Graduate Study in Psychology, are useful when making career plans.

Baruch offers a 25-credit BA major in Psychology, which includes two required courses and a broad array of electives.

FIELD DESCRIPTION

Psychology courses familiarize students with the scientific study of mind and behavior. This discipline relies on methods ranging from simple observation to rigorous experimentation. Its subjects include how we develop and learn, how our actions are motivated, how we perceive the world around us, how we respond to it intellectually and emotionally, and how these processes are represented in the brain, change throughout life and are integrated into the personality under social influences. The department offers courses that apply psychology to a variety of practical settings, including the workplace, clinical, legal, and school environments.

THE MAJOR

The Psychology major is the most popular course of undergraduate students nationwide. Many of them will ultimately establish careers outside the field of Psychology, but will do so in areas which rely on the understanding of human thought and behavior. Psychology is an appropriate major for those who plan to work, for example, in business, law, the health care professions, education, public affairs, non-profit agencies, and computer science.

To prepare for a career in psychology or an allied profession such as social work or counseling, students must earn a master's or doctoral degree. Graduate programs in psychology are selective and take into consideration a student's academic record, letters of recommendation, field and research experience, and, in most cases, GRE scores. A number of American Psychological Association publications, including the APA Guide to Graduate Study in Psychology, are useful when making career plans.

Baruch offers a 25-credit BA major in Psychology, which includes two required courses and a broad array of electives.

Careful selection of electives suitable for

Careful selection of electives suitable for students' academic and career plans is highly advised. Students who wish to develop their research skills should consider pursuing an independent study or honors thesis project. It is also recommended that students take courses in other departments that focus on scientific method, logic, communication skills, and the understanding of cultural and social systems.			students' academic and career plans is highly advised. Students who wish to develop their research skills should consider pursuing an independent study or honors thesis project. It is also recommended that students take courses in other departments that focus on scientific method, logic, communication skills, and the understanding of cultural and social systems.		
Course	Description	Crs	Course	Description	Crs
Base Courses:			Prerequisite Courses:		
PSY 1001	General Psychology	4	PSY 1001	General Psychology	4
STA 2100	Statistics for Social Science	3	STA 2100*	Statistics for Social Science	3
			*Students who took STA 2000 to fulfill BBA core requirements and who change their degree objective to the BA will be given permission to use STA 2000 in lieu of STA 2100.		
Required Courses: 7 credits			Psychology Core:		
PSY 4012	Evolution of Modern Psychology	3	Required Core:		
PSY 3001	Research Methods in Psychology (formerly PSY 5020 Experimental Psychology)	4	PSY 3001	Research Methods in Psychology (formerly PSY 5020 Experimental Psychology)	4
Elective Courses: 18 credits					
Foundations Electives: 12-18 credits			Choose four of the following:		
PSY 3055	Abnormal Psychology	3	PSY 3055	Abnormal Psychology	3
PSY 3056	Social Psychology	3	PSY 3056	Social Psychology	3
PSY 3059	Developmental Psychology: Childhood and Adolescence*	3	PSY 3059	Developmental Psychology: Childhood and Adolescence*	3
PSY 3060	Developmental Psychology: Adult Personality*	3	PSY 3060	Developmental Psychology: Adult Personality*	3
PSY 3065	The Psychology of Motivation	3	PSY 3067	Psychology of Motivation and Learning	3
PSY 3070	Physiological Psychology*	3	PSY 3081	Cognitive Psychology	3
PSY 3082	Mind, Brain, and Behavior	3	PSY 3082	Mind, Brain, and Behavior	3

PSY 3080	Psychology of Attention and Perception*	3	PSY 4061	Personality Theory	
PSY 3083	Psychology of Learning*	3	*Students may not take both PSY 3059 and PSY 3060 to fulfill the core requirement.		
PSY 3084	Cognitive Psychology	3			
PSY 4061	Theories of Personality	3			
*Students may apply either PSY 3059 or PSY 3060, either PSY 3070 or PSY 3082, and either PSY 3080 or PSY 3083 toward the four-course foundation elective requirement, not both.			Elective Courses: Three courses of students' choosing. They may include courses that constitute part of the required core in psychology, if not otherwise used to fulfill core curriculum requirements, as well as any other elective courses offered by the department. At least one of these courses MUST be at the 4000-level or above.		
Applied Psychology Electives: 0-6 credits					
PSY 3035	Philosophy of Psychology				
PSY 3036	Psychology and Culture	3			
PSY 3040-3046	Special Topics in Psychology	3			
PSY 3054	Psychology of Sleep	3			
PSY 3057	Psychology and Religion	3			
PSY 3058	Small Group Processes	3			
PSY 3063	Health Psychology	3			
PSY 3061	Psychology of Life Experience	3			
PSY 3062	Psychology of Stress Management	3			
PSY 3063	Health Psychology	3			
PSY 3069	Psychology and the Law	3			
PSY 3074	Psychology of Gender	3			
PSY 3074	Psychology of Disabling Conditions	3			
PSY 3080	Psychology of Attention and Perception	3			
PSY 3101	Political Psychology	3			
PSY 3181	Industrial and Organizational Psychology	3			
PSY 3182	Interviewing Techniques	3			

PSY 3183	Psychology and Urban Problems	3			
PSY 3184	Leadership and Managerial Development	3			
PSY 3185	Environmental Psychology	3			
PSY 3288	Psychology of Advertising	3			
PSY 3730	Literature and Psychology	3			
PSY 4010	Diversity in the Workplace	3			
PSY 4013	Advanced Personnel Psychology	3			
PSY 4015	Emotions in the Workplace	3			
PSY 4035	Practicum in Community Psychological Services	3			
PSY 4039	Psychopathology of Childhood	3			
PSY 4051	Psychology of the Family	3			
PSY 5030	Research Practicum in Psychology I, II, and III **	1-3			
** Students must take a total of three hours.					

Rationale: These changes are a response to the recommendations of external reviewers in spring 2012 and also reflect the deliberations of the department regarding the structure of the major. The objective of the revised major is to ensure that students have a more structured core curriculum and more flexibility regarding their choice of upper level classes. The department is of the opinion that the proposed core will better prepare students for advanced study, at both the undergraduate and graduate levels.

All:10.5a. The following revisions are proposed for the Minor in Psychology

From: MINOR IN PSYCHOLOGY	From: MINOR IN PSYCHOLOGY
The Department of Psychology offers a minor in psychology that requires completing two advanced courses, of which at least one must be a foundation course. After completing these advanced courses, students must take the capstone, PSY 4012 Evolution of Modern Psychology, to complete the minor.	The minor comprises three courses in Psychology, at least one of which must be a foundation course in psychology and at least one of which must be a capstone course at the 4000 level or above. The capstone course should be one of the department's communications-intensive options and must be taken at Baruch College. The selection of a suitable capstone should take the student's background in the discipline and academic interests into account and should be determined in consultation with the Department

			of Psychology.		
Course	Description	Crs	Course	Description	Crs
Required Course:			Foundation Courses: 3-6 credits		
PSY 4012	Evolution of Modern Psychology	3	PSY 3055	Abnormal Psychology	3
Foundation Electives – Choose one or two of the following 3-6 credits			PSY 3056	Social Psychology	3
PSY 3055	Abnormal Psychology	3	PSY 3059	Developmental Psychology: Childhood and Adolescence*	3
PSY 3056	Social Psychology	3	PSY 3060	Developmental Psychology: Adult Personality*	3
PSY 3059	Developmental Psychology: Childhood and Adolescence*	3	PSY 3067	Psychology of Motivation and Learning	3
PSY 3060	Developmental Psychology: Adult Personality*	3	PSY 3081	Cognitive Psychology	3
PSY 3065	The Psychology of Motivation	3	PSY 3082	Mind, Brain, and Behavior	3
PSY 3070	Physiological Psychology*	3	PSY 4061	Personality Theory	3
PSY 3082	Mind, Brain, and Behavior	3	*Students may not take both PSY 3059 and PSY 3060 to fulfill the core requirement.		
PSY 3080	Psychology of Attention and Perception*	3			
PSY 3083	Psychology of Learning*	3	Elective courses: 0-3 credits		
PSY 3081	Cognitive Psychology	3	PSY 3035	Philosophy of Psychology	3
PSY 4061	Theories of Personality	3	PSY 3036	Psychology and Culture	3
*Students may apply either PSY 3059 or PSY 3060 to the foundation elective requirement, but not both; they may apply either PSY 3070 or PSY 3082 to the foundation elective requirement, but not both.			PSY 3040-3046	Special Topics in Psychology	3
Applied Psychology Electives: Choose at most one of the following:			PSY 3054	Psychology of Sleep	3
PSY 3035	Philosophy of Psychology	3	PSY 3057	Psychology and Religion	3
PSY 3036	Psychology and Culture	3	PSY 3058	Small Group Processes	3
PSY 3040-3046	Special Topics in Psychology	3	PSY 3063	Health Psychology	3
PSY 3054	Psychology of Sleep	3	PSY 3061	Psychology of Life Experience	3

PSY 3057	Psychology and Religion	3	PSY 3062	Psychology of Stress Management	3
PSY 3058	Small Group Processes	3	PSY 3063	Health Psychology	3
PSY 3063	Health Psychology	3	PSY 3069	Psychology and the Law	3
PSY 3061	Psychology of Life Experience	3	PSY 3071	Psychology of Gender	3
PSY 3062	Psychology of Stress Management	3	PSY 3080	Psychology of Attention and Perception	3
PSY 3063	Health Psychology	3	PSY 3101	Political Psychology	3
PSY 3069	Psychology and the Law	3	PSY 3181	Industrial and Organizational Psychology	3
PSY 3071	Psychology of Gender	3	PSY 3182	Interviewing Techniques	3
PSY 3074	Psychology of Disabling Conditions	3	PSY 3101	Political Psychology	3
PSY 3080	Psychology of Attention and Perception	3	PSY 3181	Industrial and Organizational Psychology	3
PSY 3101	Political Psychology	3	PSY 3182	Interviewing Techniques	3
PSY 3181	Industrial and Organizational Psychology	3	PSY 3185	Environmental Psychology	3
PSY 3182	Interviewing Techniques	3	PSY 3288	Psychology of Advertising	3
PSY 3183	Psychology and Urban Problems	3	PSY 3730	Literature and Psychology	3
PSY 3184	Leadership and Managerial Development	3	Capstone course: Choose one of the following:		
PSY 3185	Environmental Psychology	3	PSY 4010	Diversity in the Workplace	3
PSY 3288	Psychology of Advertising	3	PSY 4012	Evolution of Modern Psychology	3
PSY 3730	Literature and Psychology	3	PSY 4013	Advanced Personnel Psychology	3
PSY 4010	Diversity in the Workplace	3	PSY 4051	Psychology of the Family	3
PSY 4013	Advanced Personnel Psychology	3	PSY 4181	Advanced Organizational Psychology	3
PSY 4015	Emotions in the Workplace	3	PSY 4182	Occupational Health Psychology	3
PSY 4035	Practicum in Community Psychological Services	3	PSY 4183	Psychology of Career Development and Planning	3
PSY 4039	Psychopathology of Childhood	3	PSY 4184	Leadership and Managerial Development	3
PSY 4051	Psychology of the Family	3	PSY 4185	Psychology of Training and Development	3

PSY 5030	Research Practicum in Psychology I, II, and III **	1-3	PSY 4900	Psychological Approaches to Contemporary Problems	3
** Students must take a total of three hours.			PSY 5000	Independent Study in Psychology (requires departmental permission)	3

Rationale: For a number of years, PSY 4012, “The Evolution of Modern Psychology,” has served as the capstone course for the Psychology minor. PSY 4012 is traditionally a course for the major in Psychology, in particular for students who intend to pursue graduate study in the field. As students who are majoring in other disciplines have gravitated toward other 4000-level options in Psychology, the department has been granting waivers to the PSY 4012 capstone requirement. This proposed program change formalizes what has been happening informally. Most of the students who are minoring in Psychology are majoring in one of the business disciplines. The Psychology Department has created several communication-intensive 4000-level options which are believed to have some bearing on their academic and career interests. There are additional 4000-level courses that are suitable for both BA and BBA students.

The following recommendation of the Graduate Affairs Committee was approved at the Mildred and George Weissman School of Arts and Sciences Faculty Meeting on April 30, 2014 effective the Spring 2015 semester, pending approval of the Board of Trustees.

All:10.6a. The following revisions are proposed for the Master of Science in Financial Engineering

Program: MS in Financial Engineering

Program Code: 24276

HEGIS Code: 1703.00

From: MS in Financial Engineering	From: 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 seven 3-credit required courses. The remaining 45 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</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>five</u> 3-credit required courses. The remaining <u>21</u> 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>

electives.			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.		
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Course	Description	Crs	Course	Description	Crs
Required Courses: 24 credits			Required Courses: 15 credits		
MTH 9814	A Quantitative Introduction to Pricing Financial Instruments	3	MTH 9814	A Quantitative Introduction to Pricing Financial Instruments	3
MTH 9815	Object Oriented Programming for Financial Applications	3	MTH 9815	Object Oriented Programming for Financial Applications	3
MTH 9821	Numerical Methods for Finance I	3	MTH 9821	Numerical Methods for Finance I	3
MTH 9831	Probability and Stochastic Processes for Finance I	3	MTH 9831	Probability and Stochastic Processes for Finance I	3
MTH 9852	Numerical Methods for Finance II	3	MTH 9903	Capstone Project and Presentation	3
MTH 9862	Probability and Stochastic Processes for Finance II	3			
MTH 9903	Capstone Project and Presentation	3	Elective Courses: 21 credits		
Elective Courses: 15 credits			MTH 9841	Statistics for Finance	3
MTH 9841	Statistics for Finance	3	MTH 9842	Linear and Quadratic Optimization Techniques	1.5
MTH 9842	Linear and Quadratic Optimization Techniques	1.5	MTH 9845	Market and Credit Risk Management	3
MTH 9845	Market and Credit Risk Management	3	MTH 9848	Elements of Structured Finance	3
MTH 9848	Elements of Structured Finance	3	MTH 9849	Deal Theory and Structured Analysis	3
MTH 9849	Deal Theory and Structured Analysis	3	MTH 9852	Numerical Methods for Finance II	3
MTH 9855	Asset Allocation and Portfolio Management	3	MTH 9855	Asset Allocation and Portfolio Management	3
MTH 9863	Volatility Filtering and	1.5	MTH 9862	Probability and Stochastic	3

	Estimation			Processes for Finance II	
MTH 9864	Model Review for Quantitative Models in Finance	1.5	MTH 9863	Volatility Filtering and Estimation	1.5
MTH 9865	Commodities and Futures Trading	1.5	MTH 9864	Model Review for Quantitative Models in Finance	1.5
MTH 9867	Time Series Analysis and Algorithmic Trading	3	MTH 9865	Commodities and Futures Trading	1.5
MTH 9868	Advanced Risk and Portfolio Management	3	MTH 9867	Time Series Analysis and Algorithmic Trading	3
MTH 9871	Advanced Computational Methods in Finance	3	MTH 9868	Advanced Risk and Portfolio Management	3
MTH 9873	Interest Rate Models and Interest Rate Derivatives	3	MTH 9871	Advanced Computational Methods in Finance	3
MTH 9875	The Volatility Surface	3	MTH 9873	Interest Rate Models and Interest Rate Derivatives	3
MTH 9879	Market Microstructure Models	3	MTH 9875	The Volatility Surface	3
MTH 9881	Current Topics in Mathematical Finance	3	<u>MTH 9876</u>	<u>Credit Risk Models</u>	<u>3</u>
MTH 9882	Fixed Income Risk Management	1.5	<u>MTH 9878</u>	<u>Interest Rate Models</u>	<u>3</u>
MTH 9883	Structured Security Valuation in the Primary Market	1.5	MTH 9879	Market Microstructure Models	3
MTH 9884	Machine Learning	1.5	MTH 9881	Current Topics in Mathematical Finance	3
MTH 9891	Introduction to Applied Financial Econometrics	1.5	MTH 9882	Fixed Income Risk Management	1.5
MTH 9893	Time Series Analysis	1.5	MTH 9883	Structured Security Valuation in the Primary Market	1.5
MTH 9894	Algorithmic Trading	1.5	MTH 9891	Introduction to Applied Financial Econometrics	1.5
MTH 9895	Big Data in Finance	1.5	MTH 9893	Time Series Analysis	1.5
MTH 9896	Behavioral Finance	1.5	MTH 9894	Algorithmic Trading	1.5
ECO 82100	(Term I) Econometrics I	3	MTH 9896	Behavioral Finance	1.5
ECO 82100	(Term II) Financial Econometrics	3	<u>MTH 9898</u>	<u>Data Science in Finance I: Big Data in Finance</u>	<u>1.5</u>
FIN 9770	Financial Markets and Institutions	3	<u>MTH 9899</u>	<u>Data Science in Finance II: Machine Learning</u>	<u>1.5</u>
FIN 9782	Futures and Forward	3	ECO 82100	(Term I) Econometrics I	3

	Markets				
FIN 9783	Investment Analysis	3	ECO 82100	(Term II) Financial Econometrics	3
FIN 9786	International Financial Markets	3	FIN 9770	Financial Markets and Institutions	3
FIN 9790	Seminar in Finance	3	FIN 9782	Futures and Forward Markets	3
FIN 9793	Advanced Investment Analysis	3	FIN 9783	Investment Analysis	3
FIN 9797	Options Markets	3	FIN 9786	International Financial Markets	3
STA 9700	Modern Regression Analysis	3	FIN 9790	Seminar in Finance	3
STA 9701	Time Series: Forecasting and Statistical Modeling		FIN 9793	Advanced Investment Analysis	3
			FIN 9797	Options Markets	3
			STA 9700	Modern Regression Analysis	3
			STA 9701	Time Series: Forecasting and Statistical Modeling	

Rationale: The job market for people with financial engineering skills has shifted in recent years from sell-side firms (such as investment banks) to buy-side firms (asset management firms and hedge funds). To better equip our students for the current demands of the job market, we propose introducing three new electives, covering Asset Allocation and Portfolio Management, Credit Risk Models, and Interest Rate Models

The flexibility of the course of study of our students will be increased by increasing the number of elective credits from 15 credits to 21 credits, and correspondingly reducing the number of required credits from 21 credits to 15 credits. This will be achieved by changing two 3 credit courses (MTH 9852 “Numerical Methods for Finance II” and MTH 9862 “Probability and Stochastic Processes for Finance II”) from required courses to elective courses.

Two courses related to data science currently offered in our program (MTH 9884 Machine Learning and MTH 9895 Big Data in Finance) will be identified as data science courses and offered as sequence of two half semester courses. The course content will remain the same, only the course numbers and names will change.

The following recommendations of the Committee on Undergraduate Curriculum were approved at the Zicklin School of Business Faculty Meeting on April 24, 2014, effective the Spring 2015 semester, pending approval of the Board of Trustees.

All:10.1b. The following revisions are proposed for the BBA in Industrial/Organizational Psychology in the Zicklin School of Business

Program: BBA in Industrial Organizational Psychology

HEGIS Code: 2008.00

Program: 01965

Effective: Spring 2015

From:	Major in Industrial/Organizational Psychology		To:	Major in Industrial/Organizational Psychology	
Courses	Description	Crs	Courses	Description	Crs
Base Courses (No credit toward the major)		7	Base Courses (No credit toward the major)		7
PSY 1001	General Psychology	4	PSY 1001	General Psychology	4
STA 2000	Business Statistics	3	STA 2000	Business Statistics	3
Required Courses		10	Required Courses		16
PSY 3001	Research Methods in Psychology	4	PSY 3001	Research Methods in Psychology	4
PSY 3181	Industrial and Organizational Psychology	3	PSY 3181	Industrial and Organizational Psychology	3
PSY 4012	Evolution of Modern Psychology	3			
			PLUS three of the following:		
Elective Courses	14-15		PSY 3056	Social Psychology	3
All other psychology courses except PSY 1001, 3033, 3034 AND Any elective courses in another department relevant to the student's educational objective, with permission of the Department of Psychology. The Department of Psychology prefers that students complete their majors with Psychology courses. Like BA psychology majors, those who intend to pursue graduate studies in Industrial/Organizational Psychology are urged to focus on electives that stress the foundations of the field. These include the following:			PSY 4061*	Personality Theory	3
At least four of the following foundation courses:		12	PSY 3067	Psychology of Motivation and Learning	3
PSY 3055	Abnormal Psychology	3	PSY 3081	Cognitive Psychology	3

PSY 3056	Social Psychology	3	PSY 3082	Mind, Brain, and Behavior	3
PSY 3059	Developmental Psychology: Personality in Childhood and Adolescence	3	* This course will be lowered to 3000 level		
PSY 3060	Developmental Psychology: Adult Personality	3	Elective Courses Three of the following:		
PSY 3065	Psychology of Motivation	3	PSY 4010	Diversity in the Workplace	3
PSY 3070	Physiological Psychology	3	PSY 4013	Advanced Personnel Psychology	3
PSY 3080	Psychology of Attention and Perception	3	PSY 4184*	Leadership and Managerial Development	3
			PSY 4182	Occupational Health Psychology	3
Electives		3	PSY 4185	Psychology of Organizational Training and Development	3
			PSY 4181	Advanced Organizational Psychology	3
			PSY 4183	Psychology of Career Development and Planning	3
			*PSY 3184 is being elevated to the 4000 level		

Rationale: These changes are a response to the recommendations of external reviewers in spring 2012 and also reflect the deliberations of the department regarding the structure of the I/O psychology major. The objective of the revised major is to insure that students have a more structured core curriculum and more flexibility regarding their choice of upper level classes. The department is of the opinion that proposed core will better prepare students for advanced study, at both the undergraduate and graduate levels. We have developed a number of new courses that are particularly appropriate for students who are majoring in this specialization. This should improve their employment prospects and/or readiness for an advanced degree [MS, MBA, or PhD] in the field.

All:10.2b. The following revisions are proposed for the general minor with honors in Advanced Business Analysis

From:	The general minor with honors in Advanced Business Analysis will consist of 15 credits as described in Option 1 or Option 2 below:		To:	The general minor with honors in Advanced Business Analysis will consist of 15 credits as described in Option 1 or Option 2 below:	
Option 1	Description	Crs	Option 1	Description	Crs
Required Courses		6	Required Courses		6

BUS 4444H	Case Studies in Business	3	BUS 4444H	Case Studies in Business	3
BPL 5100H	Business Policy	3	BPL 5100H	Business Policy	3
4000-level elective course (choose any 2)			4000-level elective course (choose any 2)		
BUS 4111H	Financial Reporting and Analysis	3	BUS 4093H	Special Topics	3
BUS 4112H	Industry and Competitive Analysis: An Interdisciplinary Approach	3	BUS 4111H	Financial Reporting and Analysis	3
BUS 4113H	Advanced Organizational Behavior	3	BUS 4112H	Industry and Competitive Analysis: An Interdisciplinary Approach	3
BUS 4114H	Perspectives on Global Business and Economic Development	3	BUS 4113H	Advanced Organizational Behavior	3
		3	BUS 4114H	Perspectives on Global Business and Economic Development	3
Capstone Course (3 credits)			Capstone Course (3 credits)		
BUS 6100H	Business Consulting	3	BUS 6100H	Business Consulting	3
or			or		
BUS 6300H	Entrepreneurial Venture Creation	3	BUS 6300H	Entrepreneurial Venture Creation	3
Option 2	Description	Crs	Option 2	Description	Crs
Required Courses		3	Required Courses		3
BPL 5100H	Business Policy	3	BPL 5100H	Business Policy	3
4000-level elective course (choose any 2)			Choose four courses from:		
BUS 4111H	Financial Reporting and Analysis	3	BUS 4093H	Special Topics	3
BUS 4112H	Industry and Competitive Analysis: An Interdisciplinary Approach	3	BUS 4111H	Financial Reporting and Analysis	3
BUS 4113H	Advanced Organizational Behavior	3	BUS 4112H	Industry and Competitive Analysis: An Interdisciplinary Approach	3
BUS 4114H	Perspectives on Global Business and Economic	3	BUS 4113H	Advanced Organizational Behavior	3

	Development				
BUS 4444H	Case Studies in Business	3	BUS 4114H	Perspectives on Global Business and Economic Development	3
			BUS 4444H	Case Studies in Business	3
Capstone Course (3 credits)			Capstone Course (3 credits)		
BUS 6901H And 6902H	Honors Thesis in Business	3	BUS 6901H And 6902H	Honors Thesis in Business	3

Rationale: BUS 4093H: Special Topics was created in Spring 2013 to add flexibility to the Zicklin Undergraduate Honors Program Curriculum. This honors program is new and it is important to provide a mechanism for innovation and continuous improvement in the course offerings. Special Topics provides this mechanism. The courses offered need to be counted as electives for program requirements.

The following recommendations of the Committee on Graduate Curriculum were approved at the Zicklin School of Business Faculty Meeting on April 24, 2014, effective the Spring 2015 semester pending approval of the Board of Trustees.

All:10.3b. The following revisions are proposed for the MBA in Statistics in the Zicklin School of Business

Program: MBA (all majors*)

HEGIS Codes: 0502.00 (Accountancy); 0506.00 (Business Administration and Policy), 0517.00 (Economics); 0505.00 (Finance); 2008.00 (Industrial/Organizational Psychology); 0701.00 (Information Systems); 0513.00 (International Business); 0506.00 (Management); 0509.00 (Marketing); 0507.00 (Operations Research); 0511.00 (Real Estate); 0503.00 (Statistics); 0502.10 (Taxation)

Program Codes: 01912 (Accountancy); 01923 (Business Administration and Policy), 01931 Economics); 01919 (Finance); 01964 (Industrial/Organizational Psychology); 01936 (Information Systems); 01929 (International Business); 01922 (Management); 01928 (Marketing); 01926 (Operations Research); 31362 (Real Estate); 01917 (Statistics); 01933 (Taxation)

*This option is not available to students in Zicklin’s cohort programs - full-time MBA program, Executive MBA program, and MBA in Health Care Administration program.

Effective: Spring 2015

From: the MBA in Statistics			To: the MBA in Statistics		
Course	Description	Crs	Course	Description	Crs

Core course substitutions	Core course substitutions
None.	<p>Students who have completed twelve undergraduate credits, with a grade in each course of at least B, in a Zicklin core course area within five years prior to enrolling in Zicklin's part-time MBA program may petition the Zicklin Office of Graduate Programs to substitute an advanced course in the same area for the core course requirement. This option is not available to students in Zicklin's cohort programs - full-time MBA program, Executive MBA program, and MBA in Health Care Administration program.</p>

Rationale: When the MBA curriculum was revised in fall 2011, the provision allowing students to seek core course substitutions if they met specific conditions based on prior undergraduate or graduate course work was eliminated. Since then students have inquired about this possibility, and it warranted reconsideration.

We are encouraging students to customize their MBA programs according to their academic and professional interests and needs. Allowing students to replace a core course with a more advanced course in the same area is in keeping with this objective.

All:10.4b. The following revisions are proposed for the MBA in Statistics in the Zicklin School of Business

Program: MBA in Statistics

HEGIS Code: 0503.00

Program Code: 01917

Effective: Spring 2015

From: the MBA in Statistics			To: the MBA in Statistics		
Course	Description	Crs	Course	Description	Crs
Courses in major (12 credits)			Courses in major (12 credits)		
Required			Required		
STA 9000	Regression and Forecasting Models for Business Applications	3	STA 9700	Applied Regression Analysis	3
STA 9750 (OPR 9750)	Basic Software Tools for Data Analysis	3	STA 9750 (OPR 9750)	Basic Software Tools for Data Analysis	3
Choose two courses from:			Choose two courses from:		

STA 9701	Time Series: Forecasting and Statistical Modeling	3	STA 9660 (CIS 9660)	Data Mining for Business Analytics	3
STA 9705	Multivariate Statistical Methods	3	*STA 9661	Multivariate Statistics for Business Analytics	3
STA 9710	Statistical Methods in Sampling and Auditing	3	STA 9701	Time Series: Forecasting and Statistical Modeling	3
STA 9850 (OPR 9850)	Advanced Statistical Computing	3	*STA 9705	Multivariate Statistical Methods	3
			STA 9710	Statistical Methods in Sampling and Auditing	3
			STA 9850 (OPR 9850)	Advanced Statistical Computing	3

*Students may not receive credit for both STA 9705 and STA 9661.

Rationale: The more rigorous STA 9700 is a better regression course for students majoring in Statistics. STA 9850 is not offered frequently, so another course needed to be added to the choices. Statistics is a strong reference discipline for data mining and "Big Data" analytics, and the addition of STA 9660 and STA 9661 will enhance the professional opportunities for MBA majors in statistics, and also serve as foundation courses for a "Business Analytics" program.

All:10.5b. The following revisions are proposed for the MBA inTaxation in the Zicklin School of Business

Program: MBA in Taxation

HEGIS Code: 0502.10

Program Code: 01933

Effective: Spring 2015

From: the MBA inTaxation			To: the MBA inTaxation		
Course	Description	Crs	Course	Description	Crs
Required courses in major (12 credits)			Required courses in major (12 credits)		
TAX 9863	Principles of Federal Income Taxation	3	TAX 9861	Principles of Federal Income Taxation: Theory and Practice	3
TAX 9866	Corporate Taxation I	3	or		
TAX 9868	Partnership Taxation	3	TAX 9863	Principles of Federal Income Taxation	3
TAX 9900	Tax Procedures and Professional	3	TAX 9866	Corporate Taxation I	3

	Responsibility in Tax Practice				
			TAX 9868	Partnership Taxation	3
			TAX 9900	Tax Procedures and Professional Responsibility in Tax Practice	3

Rationale: The Stan Ross Department of Accountancy offers TAX 9863 Principles of Federal Income

Taxation (3 credits) to taxation majors. However, a new course TAX 9861 Federal Income Taxation: Theory and Practice (3 credits), intended for accountancy majors, will also be available to taxation students.

All:10.6b. The following revisions are proposed for the MS in Taxation in the Zicklin School of Business

Program: MS in Taxation

HEGIS Code: 0502.10

Program Code: 79232

Effective: Spring 2015

From: the MS in Taxation			To: the MS in Taxation		
Course	Description	Crs	Course	Description	Crs
Preliminary Course (3 credits)			Preliminary Course (3 credits)		
Students with appropriate prior course work equivalent to ACC 9110 will be able to waive this preliminary requirement.			Students with appropriate prior course work equivalent to ACC 9110 will be able to waive this preliminary requirement.		
ACC 9110	Financial Accounting	3	ACC 9110	Financial Accounting	3
Courses in Specialization (30 credits)			Courses in Specialization (30 credits)		
Required			Required		
TAX 9863	Principles of Federal Income Taxation	3	TAX 9861	Principles of Federal Income Taxation: Theory and Practice	3
TAX 9866	Corporate Taxation I	3	or		
TAX 9867	Corporate Taxation II	3	TAX 9863	Principles of Federal Income Taxation	3
TAX 9868	Partnership Taxation	3	TAX 9866	Corporate Taxation I	3
TAX 9870	Estate, Trusts, and Planning	3	TAX 9867	Corporate Taxation II	3

TAX 9900	Tax Procedures & Professional Responsibility in Tax Practice	3	TAX 9868	Partnership Taxation	3
			TAX 9870	Estate, Trusts, and Planning	3
			TAX 9900	Tax Procedures & Professional Responsibility in Tax Practice	3
Electives			Electives		
TAX 9869	International Taxation	3	TAX 9869	International Taxation	3
TAX 9930	Real Estate Taxation	3	TAX 9930	Real Estate Taxation	3
TAX 9873	Deferred Compensation	3	TAX 9873	Deferred Compensation	3
TAX 9874	Consolidated Tax Returns	3	* TAX 9874	Consolidated Tax Returns	3
TAX 9875	S Corporations	3	* TAX 9875	S Corporations	3
TAX 9876	Estate Planning	3	* TAX 9876	Estate Planning	3
TAX 9877	State and Local Taxes	3	TAX 9877	State and Local Taxes	3
TAX 9889	Current Problems in Taxation	3	TAX 9889	Current Problems in Taxation	3
ACC 9872	Personal Financial Planning	3	* ACC 9872	Personal Financial Planning	3

*These courses are offered infrequently.

Rationale: The Stan Ross Department of Accountancy offers TAX 9863 Principles of Federal Income Taxation (3 credits) to taxation majors. However, a new course TAX 9861 Federal Income Taxation: Theory and Practice (3 credits), intended for accountancy majors, will also be available to taxation students. The asterisked courses reflect current scheduling practices.

Section AIV: New Courses

AIV:10.1a. Department of Communication Studies

Course Number: COM 3080

Title: Virtual Teamwork

Hours: 3.0

Credits: 3.0

Prerequisite: COM 1010

Course Description: This course covers theories and methodologies of virtual teamwork.

Topics include types of online teams, issues related to communicating across international boundaries, and team building in online environments. Students will explore both asynchronous and synchronous communication tools (including audio and video conferencing and advanced virtual-team technologies) and analyze these tools in terms of effectiveness and applicability in a variety of domestic and international virtual-team contexts.

Rationale: In keeping with the University's master plan and the College's Strategic Plan, the Department of Communication Studies is proposing this course in Virtual Teamwork to expand course offerings related to global communication. Virtual Teamwork focuses on questions related to crossing technical and cultural boundaries in a world where graduates will likely conduct some of their work in online teams.

The College's Strategic Plan also calls for an increase in hybrid and online courses. Virtual Teamwork can be offered in two versions: as a hybrid (50% face to face, 50% online) or online course (100% online). With its focus on effective online communication, Virtual Teamwork prepares students not only for mediated communication in their careers but also for greater effectiveness in hybrid and online courses during their studies. A survey following the experimental version of Virtual Teamwork (COM 4101) in the fall of 2012 showed that students were able to apply theory and practice of virtual-team communication in their jobs and college courses, reporting greater effectiveness in both.

In addition to addressing technical and cultural aspects of virtual teamwork, the course applies general group-communication theory and practice to computer-mediated contexts. As such, it dovetails with COM 3078 "Group Communication" and expands the department's course roster in a cohesive fashion.

The new course will serve as an elective for the Business Communication major (specialization in Corporate Communication), as an elective in the Interpersonal and Group Communication as well as Intercultural and International Communication concentrations in the planned new major in Communication Studies, as an elective for the minor in Communication Studies, or as a general elective for the BA, BBA, or BS degrees. COM 3080 will be offered every semester with a projected enrollment of 28 students.

AIV:10.2a. Department of Fine and Performing Arts

Course Number: NMA 3012

Title: Digital Interactivity

Hours: 4.0

Credits: 3.0

Prerequisite: NMA 2050 or ART 3057

Course Description: User input can affect a wide range of new media artworks that may include animation, sound, web projects, and robotics. In this hands-on introduction, students will learn techniques for harnessing analog and digital inputs to create responsive, interactive artworks. Students will explore functional, ethical, and aesthetic frameworks for interactivity; develop skills to conceptualize, code, and craft their own interactive projects; and discover how

to apply digital interactivity in engaging, participatory artworks. Through projects, experiments, lectures, readings, and field trips, this course introduces New Media Arts (NMA) students to programming and microcontrollers; no previous programming experience is necessary.

Rationale: NMA 3012 is the first code-based offering in the Fine and Performing Arts department's New Media Arts minor. Technically and conceptually, code-based techniques feature extensively in the New Media Arts discipline, but are currently lacking in the NMA curriculum. This course will introduce a crucial curricular track for NMA students, providing an important counterpart to the current screen- and lens-based course offerings: NMA 3010 (Video 1), NMA 3059/ART 3059 (Animation and Motion Graphics), and ART 3061 (Introduction to Digital Photography).

Currently the sole code-based course in the NMA minor is ART 3057 "Principles of Internet Design", an introductory web design course. Due to the requirements for the web design course which serves a large percentage of Graphic Communication students, ART 3057 is taught only partially in code, and covers only static webpage design, leaving generative, dynamic, database-driven, and interactive content largely by the wayside. Many students who exit this course express an interest in learning programming for web-based interactivity but currently have no options. Although this course is primarily intended for NMA students, ART 3057 may be used as an alternative prerequisite to allow Graphics students with a proclivity for code to deepen their studies.

A previous incarnation of NMA 3059/ART 3059 "Animation and Motion Graphics" taught animation in the Adobe Flash software environment and included rudimentary code-based interactivity through Flash ActionScript. In part because the software was no longer viable by industry standards, and in part because of a desire to create the proposed course, Flash (and with it Flash ActionScript) were phased out in 2012 and the course was retailored to focus on Animation and Motion Graphics. The proposed course expands the previously marginal interactive component of 3059 into a course in its own right, to better reflect the centrality of programming, code and interactivity within the discipline.

This course requires a 4-hour class period for two reasons. First, digital interactivity is a participatory, time-based art form; hence a substantial critique with multiple users for every student's project will necessarily exceed even a 4-hour period. Significant instructional hours must be allotted for participatory interaction and critiques. Second, digital interactivity entails that considerable technical instruction be incorporated into class time. This course aims ambitiously to teach students with no programming experience to make meaningful interactive digital artworks, but this itself requires first teaching students to successfully write their own computer programs – already a formidable goal. Interactive digital artworks must be both functional and engaging; hence, students need to achieve technical proficiency in order to use the medium expressively. Pedagogically, this subject area requires adequate class time for students to learn technical skills, and learn how to use such skills to make successful art. Moreover, the subject requires adequate hours for students to experience each other's artworks in real time, and to learn to analyze, evaluate and expound on their own and each other's projects in critique.

NMA 3012 can be used as an elective within the New Media Arts minor or as a general elective for the BA, BBA, or BS degrees. It will be offered once per year with a projected enrollment of 20 students.

AIV:10.3a. Department of Fine and Performing Arts – cross-listed with THE 3050**Course Number:** NMA 3021**Title:** Performing with New Media**Hours:** 3.0**Credits:** 3.0**Prerequisite:** NMA 2050

Course Description: This course offers students practice-based methods that combine new media arts and performing. Students will study contemporary models of performance that use multimedia and video technologies to provide context for class projects. Through exercises and studio work, students will collaborate on devising original performance projects with emphasis on multimedia storytelling and real-time interactive storytelling. (This course is cross-listed with THE 3050. Students will receive credit for NMA 3021 or THE 3050. These courses may substitute for each other in the F-replacement policy.)

Rationale: This course is an interdisciplinary offering in the Fine and Performing Art department's New Media Arts and Theatre minors. Technically, the NMA minor was designed to incorporate existing 3000-level courses in the three sectors of Fine and Performing Arts: ART, THE, and MSC. THE 3044 "Advanced Acting," is included as a NMA elective, but does not incorporate new media work.

The proposed course, which draws on technical resources newly available at Baruch, will replace THE 3044 to represent the Theater sector within the NMA electives. NMA 3021, Performing with New Media, will allow for a more focused, in-depth exploration of the exciting interdisciplinary convergences in the field of New Media Arts and Performance. NMA 3021 can be used as an elective within the New Media Arts minor, the Theatre minor, or as a general elective for the BA, BBA, or BS degrees. It will be offered once per year with a projected enrollment of 20 students.

AIV:10.4a. Department of Fine and Performing Arts – cross-listed with NMA 3021**Course Number:** THE 3050**Title:** Performing with New Media**Hours:** 3.0**Credits:** 3.0**Prerequisite:** THE 1041 or THE 1043

Course Description: This course offers students practice-based methods that combine new media arts and performing. Students will study contemporary models of performance that use multimedia and video technologies to provide context for class projects. Through exercises and studio work, students will collaborate on devising original performance projects with

emphasis on multimedia storytelling and real-time interactive storytelling. (This course is cross-listed with NMA 3021. Students will receive credit for THE 3050 or NMA 3021. These courses may substitute for each other in the F-replacement policy.)

Rationale: This course is an interdisciplinary offering in the Fine and Performing Art department's New Media Arts and Theatre minors. Technically, the NMA minor was designed to incorporate existing 3000-level courses in the three sectors of Fine and Performing Arts: ART, THE, and MSC. The Advanced Acting Theater Course, THE 3044, is included as a NMA elective, but does not incorporate new media work.

Previously, the College lacked the technical resources to support a specialized, fully interdisciplinary New Media Arts and Theater course. Professors Behar and Tenneriello received a 2012 BCTC Teaching and Technology grant, "New Media Arts: Video and Performance," for capital improvements to the Bernie West Theater. The theater has since been equipped with projection capabilities, making a course of this nature possible. Prof. Tenneriello is teaching the proposed course in Spring 2014 using the new facilities. It is cross-listed as NMA 3041/THE4103, Special Topics in New Media and Interdisciplinary Art.

The proposed course will replace THE 3044 to represent the Theater sector within the NMA electives. THE 3050, Performing with New Media, will allow for a more focused, in-depth exploration of the exciting interdisciplinary convergences in the field of New Media Arts and Performance. THE 3050 can be used as an elective within the New Media Arts minor, the Theatre minor, or as a general elective for the BA, BBA, or BS degrees. It will be offered once per year with a projected enrollment of 20 students.

AIV:10.5a. Department of History

Course Number: HIS 3950

Title: Special Topics in Global History

Hours: 3.0

Credits: 3.0

Prerequisite: One of the following courses: HIS 1000, HIS 1005, HIS 1001, or HIS 1003

Course Description: This course examines a special topic in more than one area of the globe employing methods of comparative, transnational, and/or global history. The course will compare similar issues in more than one global area and/or explore interconnections between more than one global area by examining a particular theme. The topic(s) will change from semester to semester and will be announced prior to registration. (Students may enroll in HIS 3950 more than once if the topic is different.)

Rationale: Currently the Department's topics courses are restricted by regions; this does not reflect current trends in historical scholarship focusing on analyzing historical developments across regions or in more than one area of the globe. Creating this course allows faculty to try out new topics that are comparative or transnational, which can then be incorporated not only into a history curriculum but also into the global studies minor. This course will add another option for globally oriented history courses alongside the newly created "Topics in the History

of Globalization,” which focuses more explicitly on the development of global interconnections over time. In contrast, this course is more open to a variety of types of topics that can be examined comparatively or transnationally, such as World War II, the Cold War, comparative genocides, global slavery, human rights, global capitalism, comparative feminisms, etc. Globalization might be a sub-theme, but not the primary focus of these courses. Creation of this Topics course would also make it easier for courses on other CUNY campuses that bridge areas of the globe to be given credit within the Baruch College history curriculum for transfers from other institutions. HIS 3950 can be used as an elective within the History major, within the History minor, or as a general elective for the BA, BBA, or BS degrees. It will be offered once per year with a projected enrollment of 40 students.

AIV:10.6a. Department of Natural Sciences

Course Number: PHY 3200

Title: Methods of Theoretical Physics

Hours: 3.0

Credits: 3.0

Prerequisite: PHY 2003 and PHY 3001 or PHY 3010 and PHY 3020; MTH 3020 and MTH 3030 or equivalent

Course Description: Methods of Theoretical Physics focuses on the application of mathematics, the language of science, to physics, the most mathematical of the sciences. We apply to physics the methods of differential and integral calculus of one and several variables, infinite series, complex numbers, functions of a complex variable, vector calculus, matrices, linear vector spaces and differential equations. All areas of physics are considered, including mechanics, waves, fluids, thermodynamics, electricity, magnetism, optics, and modern physics.

Rationale: Isaac Newton invented calculus in order to formulate the laws of Mechanics and Universal Gravitation. Tremendous advances in physics in particular and science in general resulted, advances that would have been impossible without mathematics. Learning how to use mathematics in theoretical physics is of paramount importance to students of physics and is one of the most important courses offered by any physics department. The universality of mathematics in physics allows for applications of mathematics to all areas of physics.

PHY 3200 can be used as an elective within the physics minor or as a general elective for the BA, BBA, or BS degrees. It will be offered once per year with a projected enrollment of 15-20 students.

AIV:10.7a. Department of Natural Sciences

Course Number: PHY 4140

Title: Introduction to Nuclear and Particle Physics

Hours: 3.0

Credits: 3.0

Prerequisite: PHY 3010, PHY 3020, and PHY 4130

Course Description: This course focuses on our understanding of atomic nuclei and elementary particles with emphasis on both nuclear and particle aspects of sub-atomic matter. Physics of high energy accelerators such as the Large Hadron Collider in Switzerland will be studied, as well as how particles interact with matter, which is utilized for their detection. Conservation laws and symmetries of nature will be explored and electromagnetic, weak, and strong nuclear forces will be investigated. Grand unified theories, string theory, and applications to cosmology will also be discussed.

Rationale: Today's high-energy particle colliders reach unprecedented energies in the laboratory. This allows one to explore the fundamental laws of nature in new ways. The Large Hadron Collider at CERN, Switzerland, has recently discovered the lone remaining elementary particle predicted by the standard model of particle physics, while the Relativistic Heavy Ion Collider at Brookhaven National Lab has been heating up a "soup" of elementary particles to temperatures of a few trillion degrees Fahrenheit. This course will give the students the minimal tools and knowledge required to follow the latest discoveries from the LHC and RHIC.

PHY 4140 can be used as a capstone for the physics minor, as a capstone for the natural sciences minor, or as a general elective for the BA, BBA, or BS degrees. It will be offered once per year with a projected enrollment of 15-20 students.

AIV:10.8a. Department of Philosophy

Course Number: PHI 3051

Title: Moral Problems of Life and Death

Hours: 3.0

Credits: 3.0

Prerequisite: any 1000-level course in philosophy

Course Description: Due to radical developments occurring in healthcare and the biological sciences, Bioethics, which considers various ethical problems of life and death, is the fastest-expanding field of applied philosophy today. Its importance is revealed by the fact that many of the most divisive issues of our times (such as, for instance, universal healthcare, abortion, and genetic modification) pertain to Bioethics. This course will examine debates and policies regarding such issues from the perspective of ethical philosophy and the theory of value.

Rationale: The Department of Philosophy places great emphasis on the teaching of ethics in all its aspects. But while we offer a rich selection of courses in Applied Ethics, Bioethics, which deals with ethical problems of life and death, has not hitherto been one of those courses. Considering that (a) the field is increasing in significance and philosophical interest by the year; (b) the course as proposed is designed, inter alia, to meet the academic and professional requirements of Baruch's pre-med students; and (c) nearly all of the full-time members of the Department of Philosophy avow Bioethics as a field either of specialization or of competence, it

is felt that this course will fill a significant pedagogical gap in the current dispensation.

We believe that the course should be called “Moral Problems of Life and Death” rather than simply “Bioethics” because (a) “Moral Problems of Life and Death” is likely to be a more perspicuous description of the course to a student who is unacquainted with the disciplinary terms-of-art of philosophy; and, (b) the Department of Sociology already offers a course called “Sociology of Bioethics.” PHI 3051 may be used as an elective within the philosophy major or minor, or as a general elective for the BA, BBA, or BS degrees. It will be offered every semester with a projected enrollment of 28 students.

AIV:10.9a. Department of Psychology

Course Number: PSY 3067

Title: The Psychology of Motivation and Learning

Hours: 3.0

Credits: 3.0

Prerequisite: PSY 1001

Course Description: This course provides an overview of the major theories and findings in research on the psychology of human motivation and learning. Various approaches to understanding motivation and learning will be addressed, including biological (e.g., instincts), behavioral (e.g., conditioning) and social/cognitive (e.g., goals) approaches. While the overall emphasis is on the theoretical foundations of psychology as they relate to human learning and behavior, the relevance of course material to various applied domains (e.g., education, the workplace, health, athletics) will be discussed where possible. (Students cannot receive credit for both PSY 3067 and PSY3065.)

Rationale: This course will replace PSY 3065, “The Psychology of Motivation,” reducing the focus on applications of motivational psychology and broadening the scope of the class to include basic theories of the psychology of learning. This change addresses a gap in the current curriculum in which the psychology of learning, an important area of psychology, is not well represented in the core courses of the major. As such this new course will be a core course for psychology majors (PSY 3065 was an elective). Consistent with PSY 3065, the new course will be a foundational elective for both psychology minors and BBA in I/O psychology majors; it may also be used as a general elective for the BA, BBA, or BS degrees. PSY 3067 will be offered every semester with a projected enrollment of 40 students.

AIV:10.10a. Department of Psychology

Course Number: PSY 4181

Title: Advanced Organizational Psychology

Hours: 3.0

Credits: 3.0

Prerequisite: PSY 1001 and PSY 3181, or by permission

Course Description: This course focuses on the Organizational Psychology subarea in the broader field of Industrial/Organizational psychology. Topics will include work attitudes, work motivation, organizational justice, emotions and stress, organizational culture, and work behaviors. Course content has both academic and applied relevancy. (Students cannot receive credit for both PSY 4181 and MGT 4330).

Rationale: Students pursuing the BBA degree take PSY 3181 (BA students may take PSY 3181 as an elective in the major). The introductory course provides a general understanding of the field of Industrial/Organizational Psychology, surveying the major topics in the discipline. PSY 4181 is intended to provide students with a deeper understanding of the “Organizational” side of the field by providing greater breadth of several topics covered in the introductory course and introducing new concepts that cannot be covered in the introductory course due to time constraints. Many topics in Organizational Psychology are fundamental to the work that Industrial/Organizational Psychologists practice and research (e.g., assessing job satisfaction and engagement); thus, a profound understanding of these topics will help better prepare students for employment and graduate study in the field. Moreover, this is one of a number of classes that have been developed for our revised major in I/O Psychology and for students majoring in other disciplines who wish to learn more about the relevance of psychological theory, methods, and knowledge to our understanding of the workplace and other organizational settings. Although PSY 4181 is not cross-listed with MGT 4330, there is sufficient overlap in material to warrant the stipulation that a student may receive credit for only one of the courses.

PSY 4181 may be used as an elective within the psychology major, as a capstone course for the psychology minor, or as a general elective for the BA, BBA, or BS degrees.

AIV:10.11a. Department of Psychology

Course Number: PSY 4182

Title: Occupational Health Psychology

Hours: 3.0

Credits: 3.0

Prerequisite: PSY 1001 and PSY 3181, or by permission

Course Description: Occupational Health Psychology (OHP) is the application of the principles and methods of psychology to improving the quality of work life and to protecting and promoting the health and well-being of workers. This course provides a survey of the field with foci on occupational stress, employee health, violence, safety, and work-family issues.

Rationale: Occupational health psychology (OHP) is the application of psychology to improving the quality of work life, and to protecting and promoting the safety, health and well-being of workers. A special area within industrial and organizational (I/O) psychology, OHP is multi-disciplinary and draws heavily from the fields of public health, management, health psychology, ergonomics, occupational medicine, and industrial hygiene. This is a growing field

with more emphasis being placed on health in the workplace today than ever before. The content covered in this course will provide students with a unique opportunity to gain exposure and education on a number of topics, including accidents and safety, burnout, musculoskeletal disorders, occupational stress, work schedules such as shiftwork, workplace violence, and work-family issues.

This is one of a number of classes that have been developed for our revised major in I/O Psychology and for students majoring in other disciplines who wish to learn more about the relevance of psychological theory, methods, and knowledge to our understanding of the workplace and other organizational settings. The objective of the newly proposed courses is to better prepare students for employment and for graduate study in the field. PSY 4182 will be offered once per year with a projected enrollment of 25 students. It may be used as an elective within the psychology major, as a capstone course for the psychology minor, or as a general elective for the BA, BBA, or BS degrees.

AIV:10.12a. Department of Psychology

Course Number: PSY 4183

Title: Psychology of Career Development and Planning

Hours: 3.0

Credits: 3.0

Prerequisite: PSY 1001 and PSY 3181, or by permission

Course Description: This course is designed to provide students with an understanding of careers and how they evolve. Topics include the changing nature of work and careers, theories of career development, vocational assessment, career exploration and decision-making, work-life balance, and organizational career management practices. The course is also designed to encourage students to learn about careers by engaging in personal career exploration.

Rationale: As a result of changes in the employment context, such as global competition, the digital revolution, organizational downsizings, and slow growth in new jobs, students can no longer count on long-term organizational careers. In order to succeed in today's environment, students need to understand how careers have changed as well as the importance of learning how to manage their own career development. Thus, this course is designed to both (1.) enhance students' understanding of career development and the challenges of today's employment context and (2.) provide a foundation for helping students learn how to manage their own careers proactively through a process of personal career exploration and experiential learning assignments.

This is one of a number of classes that have been developed for our revised major in I/O Psychology and for students majoring in other disciplines who wish to learn more about the relevance of psychological theory, methods, and knowledge to our understanding of the workplace and other organizational settings. The objective of the newly proposed courses is to better prepare students for employment and for graduate study in the field. PSY 4183 will be offered once per year with a projected enrollment of 25 students. It may be used as an elective within the psychology major, as a capstone course for the psychology minor, or as a general

elective for the BA, BBA, or BS degrees.

AIV:10.13a. Department of Psychology

Course Number: PSY 4185

Title: Psychology of Training and Development

Hours: 3.0

Credits: 3.0

Prerequisite: PSY 1001 and PSY 3181, or by permission

Course Description: This course is designed to provide students with an understanding of training and development as a tool for improving organizational performance. Topics include (a) understanding the components of a needs analysis; (b) designing training programs to capitalize on our current understanding of how adults learn; (c) understanding training and development within the context of modern workplace; and (d) understanding how to evaluate the utility of training and development interventions. (Students cannot receive credit for both PSY 4185 and MGT 4430).

Rationale: Change has become a constant process for most organizations. The competitive environment that most organizations find themselves in has become increasingly dynamic over the past 30 years. Global competition, the availability of raw material (both physical material and human talent), shifting demands of customers, new technologies, and legal regulations, all create tensions within organizations to learn and adapt. Of course, in order for organizations to change and adapt to their environment, respect for change and willingness to subject oneself to change efforts is needed at the managerial and individual employee levels. Employees who haven't learned anything or retooled their skill set in the last 10 years do not make their organizations competitive. This course covers organizational and individual aspect of training, development, and learning.

This is one of a number of classes that have been developed for our revised major in I/O Psychology and for students majoring in other disciplines who wish to learn more about the relevance of psychological theory, methods, and knowledge to our understanding of the workplace and other organizational settings. The objective of the newly proposed courses is to better prepare students for employment and for graduate study in the field. Although PSY 4185 is not cross-listed with MGT 4430, there is sufficient overlap in material to warrant the stipulation that a student may receive credit for only one of the courses.

PSY 4185 will be offered once per year with a projected enrollment of 25 students. It may be used as an elective within the psychology major, as a capstone course for the psychology minor, or as a general elective for the BA, BBA, or BS degrees.

AIV:10.14a. Religion and Culture Program – cross-listed with Sociology and Anthropology

Course Number: REL/ANT/SOC 4025H

Title: Writers and Their Spiritual Searches: Religious Themes in Contemporary Literature

Hours: 3.0

Credits: 3.0

Prerequisite: ENG 2150; SOC 1005 or ANT 1001

Course Description: From the ancient period to today, writers have reflected on their own experiences, their tragedies and joys and realizations—their lives—as spiritual journeys. Augustine's Confessions is an early such effort. Those of contemporary authors follow in this line. Among these there are some very funny, very disturbing, and some very beautiful efforts. In this course, we will sample a selection, listen carefully to these stories, then together reflect on and connect them to our own stories and journeys both in class and in some writing. The authors include poets, memoir writers, novelists, social activists and stem from rich religious traditions and upbringings or none at all. (Students will receive credit for only one of the following courses: ANT, REL, or SOC 4025H. These courses may substitute for each other in the F-replacement policy.)

Rationale: This course accompanies others in the Program in Religion and Culture which offer students at Baruch exposure to the world religious traditions either as a tier III minor or as an ad hoc major or as electives, very much part of a grounding here in the humanities. This course is interdisciplinary and diverse in all respects. In it students will be grouped into learning teams for a communication intensive course. The course will proceed in seminar fashion, with all reading all of the assigned texts and one group (or several) assigned to present the text and then lead discussion of these. The instructor is a member of all groups and constant interlocutor. This course has been offered several times as a special topics honors course and student evaluations have been consistently high.

As with all REL courses, Sociology/Anthropology is considered the home department for this course. REL/SOC/ANT 4025H will be offered once per year with a projected enrollment of 24 students. This course may be used as an elective within the Sociology major, the Anthropology, Sociology, and Religion and Culture minors, or as a general elective for the BA, BBA, and BS degrees.

AIV:10.15a. Women's and Gender Studies

Course Number: WSM 3085

Title: Special Topics in Women's and Gender Studies

Hours: 3.0

Credits: 3.0

Prerequisite: ENG 2150

Course Description: This course will allow students to examine topics in the interdisciplinary field of Women's and Gender Studies using the methodologies and bodies of knowledge of one or more particular disciplines, such as psychology, philosophy, history, literature,

sociology, political science, anthropology, communication studies, journalism, the arts, black and Latino studies, or law. Students will analyze women's roles and experiences in society and/or construction of gender and sexuality, depending on the particular content of the class. The course is cross-listed with courses in other departments. The course fulfills one of the requirements of the Women's and Gender Studies Minor. Students can repeat this course number when the course title and content is different.

Rationale: Currently the only course designated as WSM is the capstone WSM 4900. Having a special topics class at the 3000-level will allow courses across the Baruch curriculum that qualify for the Women's and Gender Studies minor to be cross-listed within the Women's and Gender Studies program. This is modeled on the course JWS 3950 Special Topics in Jewish Studies, which is similarly cross-listed in other departments. This will make it easier for students looking at the schedule of classes to find courses that they can take for the Women's and Gender Studies minor.

AIV:10.16a. Department of Psychology

Course Number: PSY 9801

Title: Internship Project Experience in Industrial/Organizational Psychology

Hours: 1.0

Credits: 1.0

Prerequisite: Program permission required

Course Description: This elective course is designed to provide students with the opportunity to learn firsthand about the application of I/O psychology in the work place through initial exposure to an organization. Students complete field intern positions to gain practical experience and insight into the workings of actual businesses from an I/O psychology perspective. Students must submit a term report describing and analyzing their experiences. This experience must incorporate at least 40 experiential (work) hours during the semester. (This course is repeatable to a maximum of 3 credits.)

Rationale: This course will allow students to gain experience with the role of I/O psychology through initial exposure to a work organization. This experience will enhance student learning in terms of the practical application of I/O psychology to work organizations. PSY 9801 is an elective course in the Industrial Psychology MA Program. It will be offered every semester with a projected enrollment of 5-10 students.

AIV:10.17a. Department of Mathematics

Course Number: MTH 9855

Title: Asset Allocation and Portfolio Management

Hours: 3.0

Credits: 3.0

Prerequisite: MTH 9814, MTH 9831

Co-requisite: MTH 9862

Course Description: The course introduces the quantitative techniques and models commonly used in the asset management industry. The emphasis is on practical aspects of modeling, and specific techniques for portfolio construction and risk management. Topics include classic subjects such as Markowitz's mean-variance optimization, CAPM and APT models, the Black-Litterman model, as well as modern topics such as cointegration and postmodern portfolio theory.

Rationale: Modern portfolio theory should be a cornerstone of any financial engineering program. Its concepts and techniques serve as a quantitative basis for portfolio construction and risk management adopted by many major asset managers, and they are also used by other financial institutions. Offering this course to our students will prepare them better to compete for positions within buy-side companies.

This is an elective course in the Financial Engineering MS Program. MTH 9855 will be offered once per year with a projected enrollment of 25 students.

AIV:10.18a. Department of Mathematics

Course Number: MTH 9876

Title: Credit Risk Models

Hours: 3.0

Credits: 3.0

Prerequisite: MTH 9814, MTH 9862, MTH 9878

Course Description: The course introduces the quantitative credit risk models commonly used in the financial industry, and their applications to the pricing and hedging of widely traded credit derivative instruments. The emphasis is on practical aspects of modeling. Furthermore, applications of the models to the pricing and risk management of counterparty credit exposure are discussed.

Rationale: Credit markets occupy an important position among world's financial markets. At the same time, in the aftermath of the 2007-2008 financial crisis, participating firms and financial regulators have heightened their alertness to the issues of credit risk and its mitigation. The course addresses these issues, providing an overview of the commonly used quantitative models in the space of credit derivatives and counterparty credit exposure.

This is an elective course in the Financial Engineering MS Program. MTH 9876 will be offered once per year with a projected enrollment of 25 students.

AIV:10.19a. Department of Mathematics

Course Number: MTH 9878

Title: Interest Rate Models

Hours: 3.0

Credits: 3.0

Prerequisite: MTH 9814, MTH 9831

Co-requisite: MTH 9862

Course Description: The course introduces the quantitative interest rate models commonly used in the financial industry and their applications to the pricing and hedging of fixed income derivatives. The emphasis is on practical aspects of modeling, and the significance of the models for the valuation and risk management of portfolios of widely traded derivative instruments.

Rationale: Fixed income markets have the dominant position among world's financial markets. At the same time, as a consequence of a variety of options embedded, the risk profiles of the fixed income instruments tend to be very complex. As a result, participating firms and financial regulators mandate adopting sophisticated quantitative methodologies for valuation of these instruments as well as quantifying and mitigating the risks of portfolios of such instruments. The course addresses these issues, providing an overview of the commonly used quantitative models in the space of fixed income.

This is an elective course in the Financial Engineering MS Program. MTH 9878 will be offered once per year with a projected enrollment of 25 students.

AIV:10.1b. Stan Ross Department of Accountancy

Course Number: ACC 9990

Title: Special Topics in Accountancy

Hours: 1

Credits: 1

Prerequisites: ACC 9110 or ACC 9112.

Course Description: This course focuses on timely and relevant topics in accountancy that are not covered in the regular curriculum. The areas of study are determined each semester by the instructor offering the course. The course topics and pre- or corequisites will be announced during the preceding semester. Students may take this more than once provided that different topics are covered.

Rationale: This course will provide flexibility in offering contemporary topics that draw on the special expertise of the instructor but that do not otherwise fit the regular curriculum. Ability to offer special topics in 1 credit provides flexibility in selecting topics that may be timely and relevant, but might not warrant a 1.5, 2 or 3-credit course. This course is expected to enroll approximately 40 students each semester. It will be a general elective for MBA students, and

an elective for MS students subject to approval of the MS program advisor.

AIV:10.2b. Stan Ross Department of Accountancy

Course Number: ACC 9991

Title: Special Topics in Accountancy

Hours: 1.5

Credits: 1.5

Prerequisites: ACC 9110 or ACC 9112.

Course Description: This course focuses on timely and relevant topics in accountancy that are not covered in the regular curriculum. The areas of study are determined each semester by the instructor offering the course. The course topics and pre- or corequisites will be announced during the preceding semester. Students may take this more than once provided that different topics are covered.

Rationale: This course will provide flexibility in offering contemporary topics that draw on the special expertise of the instructor but that do not otherwise fit the regular curriculum. Ability to offer special topics in 1.5 credits provides flexibility in selecting topics that may be timely and relevant, but might not warrant a 1, 2 or 3-credit course. This course is expected to enroll approximately 40 students each semester. It will be a general elective for MBA students, and an elective for MS students subject to approval of the MS program advisor.

AIV:10.3b. Stan Ross Department of Accountancy

Course Number: ACC 9992

Title: Special Topics in Accountancy

Hours: 2

Credits: 2

Prerequisites: ACC 9110 or ACC 9112.

Course Description: This course focuses on timely and relevant topics in accountancy that are not covered in the regular curriculum. The areas of study are determined each semester by the instructor offering the course. The course topics and pre- or corequisites will be announced during the preceding semester. Students may take this more than once provided that different topics are covered.

Rationale: This course will provide flexibility in offering contemporary topics that draw on the special expertise of the instructor but that do not otherwise fit the regular curriculum. Ability to offer special topics in 2 credits provides flexibility in selecting topics that may be timely and relevant, but might not warrant a 1, 1.5, or 3-credit course. This course is expected to enroll approximately 40 students each semester. It will be a general elective for MBA students, and

an elective for MS students subject to approval of the MS program advisor.

AIV:10.4b. Zicklin School of Business Office of Graduate Programs

Course Number: BUS 9794

Title: Special Topics in Business

Hours: 1

Credits: 1

Pre- or Corequisite: Variable based on topic.

Course Description: This interdisciplinary course focuses on timely and relevant topics in business that are not covered in the regular curriculum. The areas of study are determined each semester by the instructor offering the course. The course topics and pre- or corequisites will be announced during the preceding semester. Students may take this more than once provided that different topics are covered. This course may be offered through any of the Zicklin academic departments.

FIN 9771 and FIN 9773, or equivalent.

Rationale: This interdisciplinary course will provide flexibility in offering contemporary topics that draw on the special expertise of the instructor but that do not otherwise fit the regular curriculum. Ability to offer special topics in 1 credit provides flexibility in selecting topics that may be timely and relevant, but might not warrant a 1.5, 2 or 3-credit course. This course is expected to enroll approximately 40 students each semester. It will be a general elective for MBA students, and an elective for MS students subject to approval of the MS program advisor.

AIV:10.5b. Zicklin School of Business Office of Graduate Programs

Course Number: BUS 9795

Title: Special Topics in Business

Hours: 1.5

Credits: 1.5

Pre- or Corequisite: Variable based on topic.

Course Description: This interdisciplinary course focuses on timely and relevant topics in business that are not covered in the regular curriculum. The areas of study are determined each semester by the instructor offering the course. The course topics and pre- or corequisites will be announced during the preceding semester. Students may take this more than once provided that different topics are covered. This course may be offered through any of the Zicklin academic departments.

FIN 9771 a FIN 9773, or equivalent.

Rationale: This interdisciplinary course will provide flexibility in offering contemporary topics that draw on the special expertise of the instructor but that do not otherwise fit the regular curriculum. Ability to offer special topics in 1.5 credits provides flexibility in selecting topics that may be timely and relevant, but might not warrant a 1, 2 or 3-credit course. This course is expected to enroll approximately 40 students each semester. It will be a general elective for MBA students, and an elective for MS students subject to approval of the MS program advisor.

AIV:10.6b. Zicklin School of Business Office of Graduate Programs

Course Number: BUS 9796

Title: Special Topics in Business

Hours: 2

Credits: 2

Pre- or Corequisite: Variable based on topic.

Course Description: This interdisciplinary course focuses on timely and relevant topics in business that are not covered in the regular curriculum. The areas of study are determined each semester by the instructor offering the course. The course topics and pre- or corequisites will be announced during the preceding semester. Students may take this more than once provided that different topics are covered. This course may be offered through any of the Zicklin academic departments.

Rationale: This course will provide flexibility in offering contemporary topics that draw on the special expertise of the instructor but that do not otherwise fit the regular curriculum. Ability to offer special topics in 2 credits provides flexibility in selecting topics that may be timely and relevant, but might not warrant a 1, 1.5, or 3-credit course. This course is expected to enroll approximately 40 students each semester. It will be a general elective for MBA students, and an elective for MS students subject to approval of the MS program advisor.

AIV:10.7b. Zicklin School of Business Office of Graduate Programs

Course Number: BUS 9797

Title: Special Topics in Business

Hours: 3

Credits: 3

Pre- or Corequisite: Variable based on topic.

Course Description: This interdisciplinary course focuses on timely and relevant topics in business that are not covered in the regular curriculum. The areas of study are determined each semester by the instructor offering the course. The course topics and pre- or co-requisites will be announced during the preceding semester. Students may take this more than once provided that different topics are covered. This course may be offered through any of the

Zicklin academic departments.

Rationale: This interdisciplinary course will provide flexibility in offering contemporary topics that draw on the special expertise of the instructor but that do not otherwise fit the regular curriculum. Ability to offer special topics in 3 credits provides flexibility in selecting topics that may be timely and relevant, but might not warrant a 1, 1.5, or 2-credit course. This course is expected to enroll approximately 40 students each semester. It will be a general elective for MBA students, and an elective for MS students subject to approval of MS program advisor.

AIV:10.8b. Allen G. Aaronson Department of Marketing and International Business

Course Number: MKT 9785

Title: Digital Marketing Strategy

Hours: 3

Credits: 3

Pre- or Corequisite: MKT 9703.

Course Description: The objective of this course is to educate students about the strategic issues that Chief Marketing Officers and other senior leaders are grappling with as consumer behavior continues to shift to digital channels. This course focuses on timely and relevant topics in digital marketing. Although time spent with emerging channels is increasing exponentially and the way individuals consume data has evolved, we will explore management considerations as to why marketing investments haven't followed as rapidly. Does digital marketing make sense for all lines of business? If so, how much funding should be reallocated from proven traditional media channels. Once CMOs are onboard to embrace digital and to fund it appropriately, they are faced with myriad decisions that they will need to make to set up their organizations for success.

Rationale: Digital marketing distribution and communication channels have become an integral part of the marketing mix. In addition, digital channels provide unique opportunities for product differentiation and dynamic pricing strategies. This course will specifically address marketing strategy issues at the Chief Marketing Officer level. Among other things, it will prepare students to make investment decisions in different digital channels. Other courses in our curriculum provide a more operational, tactical perspective. This course takes on a higher-level perspective. The course has been successfully offered as a special topics course and officially listing the course should increase enrollment. The course will be offered once or twice a year as an elective choice in the MS in Marketing program and the MBA program. The syllabus currently being proposed has an online format, although it may be taught face-to-face in the future. It is expected to enroll approximately 35 students each semester.

AIV:10.9b. Department of Statistics and Computer Information Systems

Course Number: STA 9661

Title: Multivariate Statistics for Business Analytics

Hours: 3

Credits: 3

Prerequisite: STA 9708.

Course Description: This course is designed to provide students with knowledge and understanding of Multivariate Data Analysis (MDA) as it is used in business and in data mining for managerial decisions. Every effort will be made to provide a complete but not heavily-mathematical introduction to a substantial variety of multivariate techniques, including dimension reduction techniques, dependence models for both continuous and categorical responses, multivariate dependence models, and classification techniques. The main focus will be on practical issues such as preparing data for analysis, understanding the inputs and outputs of alternative multivariate techniques applied to a given problem, selecting appropriate analysis, and interpreting and presenting the results. The topics covered by the course include: principal components analysis and factor models; multiple regression and its multivariate extension: canonical correlations; multivariate analysis of variance; logistic regression and Multiple discriminant analysis; and cluster analysis. Students cannot receive credit for both STA 9705 and STA 9661; not open to students in the MS in Statistics program.

Rationale: Effective Big Data Mining and Business Analytics increasingly require business practitioners of all disciplines, including marketers, managers, operations managers, and international business specialists among others, to become more proficient in the proper selection and application of appropriate multivariate statistical methods to their data, and in properly interpreting their results. At Baruch the discussion of a certificate in Business Analytics for MBA students, an interdepartmental project at the Zicklin School, has led to the decision to develop two new courses to be required of all students wishing to obtain a new certificate from one of the participating departments: one course in Multivariate Statistical Analysis and one course in Data Mining and Business Analytics. This is the proposal for the former course.

Besides the concentration in Business Analytics, this course will be an elective in the MBA in Statistics, the MS in Quantitative Methods and Modeling, and the MBA in Decision Sciences. The course will be offered at least once a year.

Section AV: Changes in Existing Courses

AV:10.1a. Change in Description, Pre-requisites and New Cross-listing with Black and Latino Studies

FROM: LACS 4900 Latin America and the Caribbean: Cultures and Societies		TO: LACS/BLS/LTS 4900 Latin America and the Caribbean: Cultures and Societies	
Description	This interdisciplinary course examines the historical, political, cultural and socioeconomic conditions of Latin America and the	Description	This interdisciplinary course examines the historical, political, cultural and socioeconomic conditions of Latin America and the

	Caribbean from Pre-Hispanic times to the 19th century. The themes may vary from semester to semester. In line with the interdisciplinary nature of this topic, the course is taught by faculty from different disciplines.		Caribbean from Pre-Hispanic times to the 19th century. The themes may vary from semester to semester. In line with the interdisciplinary nature of this topic, the course is taught by faculty from different disciplines. <u>(Students will receive credit for only one of the following courses: BLS; LACS; or LTS 4900. These courses may substitute for each other in the F-replacement policy.)</u>
Prerequisites	At least one of these courses: HIS 3070; HIS 3075; POL 3104; POL 3364; LTS (HSP) 3015; LTS (HSP) 3004	Prerequisites	At least one of these courses: HIS 3070; HIS 3075; POL 3104; POL 3364; LTS (HSP) 3015; LTS (HSP) 3004; <u>or</u> ENG/CMP (LTT) 2800 or 2850.

Rationale: Adding ENG/CMP (LTT) 2800 or 2850 as a possible pre-requisite will make LACS 4900 available to more students, while still adequately preparing students for the course.

AV:10.2a. Change in Description, Pre-requisites and New Cross-listing with Black and Latino Studies

FROM: LACS 4901 Latin America and the Caribbean II: From the 19th Century to the Present		TO: LACS/BLS/LTS 4901 Latin America and the Caribbean II: From the 19th Century to the Present	
Description	This interdisciplinary course examines the historical, political, cultural and socioeconomic conditions of Latin America and the Caribbean from Pre-Hispanic times to the 19th century. The themes may vary from semester to semester. In line with the interdisciplinary nature of this topic, the course is taught by faculty from different disciplines.	Description	This interdisciplinary course examines the historical, political, cultural and socioeconomic conditions of Latin America and the Caribbean from Pre-Hispanic times to the 19th century. The themes may vary from semester to semester. In line with the interdisciplinary nature of this topic, the course is taught by faculty from different disciplines. <u>(Students will receive credit for only one of the following courses: BLS; LACS; or LTS 4901. These courses may substitute for each other in the F-replacement policy.)</u>

Prerequisites	At least one of these courses: HIS 3070; HIS 3075; POL 3104; POL 3364; LTS (HSP) 3015; LTS (HSP) 3004	Prerequisites	At least one of these courses: HIS 3070; HIS 3075; POL 3104; POL 3364; LTS (HSP) 3015; LTS (HSP) 3004; <u>or</u> ENG/CMP (LTT) 2800 or 2850.
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Rationale: Adding ENG/CMP (LTT) 2800 or 2850 as a possible pre-requisite will make LACS 4900 available to more students, while still adequately preparing students for the course.

AV:10.3a. Change in Course Number and Prerequisites

FROM: PSY 3184 Leadership and Managerial Development		TO: PSY 4184 Leadership and Managerial Development	
Prerequisites	PSY 1001	Prerequisites	PSY 1001 <u>and</u> PSY 3181, or permission of department

Rationale: As with all of the new elective courses pertaining to the field of Industrial/Organizational Psychology, the Psychology Department is of the opinion that students are best served if they have taken PSY 3181 “Industrial/Organizational Psychology” as a prerequisite course. PSY 4184 may be used as an elective within the psychology major, as a capstone course for the psychology minor, or as a general elective for the BA, BBA, or BS degrees.

AV:10.4a. Change in Description and Pre-requisites

FROM: PSY 3185 Environmental Psychology		TO: PSY 3185 Environmental Psychology	
Description	After a brief survey of classical ecological issues, concepts, and definitions, the emphasis will be on research pertaining to the psychological consequences of the environment. Behavioral research methods and data will be presented concerning the psychological effects of various forms of adverse environmental influences on human behavior and mental health, the psychology of environmental and urban design, and psychological engineering.	Description	<u>Environmental Psychology addresses the impact of human attitudes and behavior on ecosystems, the natural environment and natural resources. Taking into account psychological, social and economic factors, we will consider theory, research, and practice for building a world that balances current human activities and needs with those of other species and future generations.</u>
Prerequisites	PSY 1001	Prerequisites	PSY 1001 <u>or</u> one of the following courses: ENV 3001;

		<u>ENV 3002; ENV 3003; ENV 3005; ENV 3006; ENV 3008; SOC 3151 (3008); SOC 3168 (3063); ANT 3009; or POL 3317</u>
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Rationale: The field of Environmental Psychology has evolved from its earlier primary concern, that of the impact of the built environment on human behavior and experience. Research in the field has shifted toward understanding how humans consider and interact with the natural environment and methods by which humans can protect natural resources. The course will provide a more contemporary view of the field along with new theories, methodologies and issues previously not covered by the current version of this course. In addition, students are increasingly interested in learning about the intersection of human behavior and environmental sustainability and eager to bring these issues to their work in graduate school, the workplace and their home -life. This course will therefore, reflect the changes in the field and provide students with a course that more closely matches their needs and aspirations.

Those who have taken relevant courses in Environmental Science, Sociology, Anthropology and Political Science will have the needed critical thinking skills and relevant content exposure for adequate preparation for this course. Therefore, additional courses have been added to the course prerequisite alternatives.

PSY 3185 will be offered once per year with a projected enrollment of 35 students. It may be used as an elective within the Psychology major or minor, or as a general elective for the BA, BBA, or BS degrees.

AV:10.5a. Change in Course Number, Title, and Description

FROM: MTH 9895 Big Data in Finance		TO: MTH 9898 Data Science in Finance I: Big Data in Finance	
Description	This course focuses on developing tools in C++ to work with financial big data. Topics include efficient file formats for big data, parallel data structure and algorithm, and data cleaning, pattern recognition using C++/GPU. The objective of the course is to have each student build a Big Data toolbox in C++.	Description	This course focuses on developing tools in C++ to work with financial big data. Topics include efficient file formats for big data, parallel data structure and algorithm, and data cleaning, pattern recognition using C++/GPU. The objective of the course is to have each student build a Big Data toolbox in C++. (This course is not open to students who completed MTH 9895.)
Prerequisites	MTH 9815	Prerequisites	MTH 9815

Rationale: Two courses related to data science currently offered in our program (MTH 9884 Machine Learning and MTH 9895 Big Data in Finance) will be identified as data science courses and offered as sequence of two half semester courses. The course content will remain

the same, only the course numbers and names will change.

AV:10.6a. Change in Course Number, Title, and Description

FROM: MTH 9895 Big Data in Finance		TO: MTH 9899 <u>Data Science in Finance II: Machine Learning</u>	
Description	This course covers machine learning prediction techniques in the context of efficient markets. Students will test these techniques in the context of various trading strategies and investigate correlations with maker directional movements.	Description	This course covers machine learning prediction techniques in the context of efficient markets. Students will test these techniques in the context of various trading strategies and investigate correlations with maker directional movements. <u>(This course is not open to students who completed MTH 9884.)</u>
Prerequisites	MTH 9814, MTH 9843	Prerequisites	MTH 9814, MTH 9843

Rationale: Two courses related to data science currently offered in our program (MTH 9884 Machine Learning and MTH 9895 Big Data in Finance) will be identified as data science courses and offered as sequence of two half semester courses. The course content will remain the same, only the course numbers and names will change.

AV.10.1b. Change in Course Title and Description

From: CIS 4400		To: CIS 4400	
Title	Database Management Systems II	Title	<u>Data Warehousing for Analytics</u>
Description	This advanced course in database management systems is for students who wish to pursue work in database administration (DBA) or data administration (DA). DBA topics include policy, software evaluation, implementing database management software, database design and repositories. The relationship and role of data administration in providing a "corporate" resource of data is also discussed. The role of DA at the company, departmental, application, and database	Description	<u>This advanced course will provide students with an in-depth understanding of the design and implementation of database warehousing and analytics database systems. Specific topics include data warehouse modeling and architecture, the ETL process, administration, security, column-store, streaming and NoSQL databases, and complex event processing. Students develop a complete data warehouse system including implementation of a business intelligence suite.</u>

<p>levels is defined. Students design and evaluate alternatives for the same database structure, learn how to define subject area databases, and perform a software analysis, including the development of implementation policies to accompany their choice. Computer-aided software engineering (CASE) tools and how they can be used in designing logical and physical relational databases are demonstrated and used by students.</p>	
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Rationale: This change revises course title and description to reflect what is being taught in the course.

AV.10.2b. Change in Course Description

From: BUS 4113H		To: BUS 4113H	
Title	Advanced Organizational Behavior	Title	Advanced Organizational Behavior
Description	This course is designed to introduce students to the major concepts, models, theories, and research in organizational behavior, an interdisciplinary field dedicated to developing a better understanding of people at work. It will cover relevant theories and concepts from psychology, sociology and, anthropology. Although the course is analytical and conceptual in nature, the course's primary focus is on applying behavioral science knowledge to the practice of management. The course focuses on individual and small-group processes; managing group and inter-group processes, and improving organizational effectiveness. Topics include	Description	This course is designed as an evidence-based course that will introduce students to the major concepts, models, theories, and research in the field of organizational behavior related to individual and group decision making, negotiation, ethics, and teams. The primary focus is on applying behavioral science knowledge to the practice of management, and so this course will be experiential and analytical. We will engage with cases and simulations to experience and analyze best practices grounded in the latest science.

Accounting: Intensive depending upon their degree requirements. ACC 9125 Fundamentals of Managerial Accounting recently replaced ACC 9115 Managerial Accounting in the MBA core curriculum.

AV.10.5b. Change in Prerequisite

From: ACC 9816		To: ACC 9816	
Title	Accounting and Auditing Aspects of Computer-Based Information Systems	Title	Accounting and Auditing Aspects of Computer-Based Information Systems
Prerequisite	ACC 9110 or equivalent.	Prerequisite	ACC 9110, <u>ACC 9112</u> , or equivalent.

Rationale: Students may select either ACC 9110 Financial Accounting or ACC 9112 Financial Accounting: Intensive to satisfy a degree requirement. The prerequisite is being updated to reflect this.

AV.10.6b. Change in Course Number, Description and Prerequisite

From: ACC 9901		To: <u>ACC 9993 (formerly ACC 9901)</u>	
Title	Special Topics in Accountancy	Title	Special Topics in Accountancy
Description	This course examines issues of current interest in accounting. Topics covered will vary from semester to semester so that students may take the course more than once as the topic changes.	Description	<u>This course focuses on timely and relevant topics in accountancy that are not covered in the regular curriculum. The areas of study are determined each semester by the instructor offering the course. The course topics and additional pre-requisites will be announced during the preceding semester. Students may take this more than once provided that different topics are covered.</u>
Prerequisite	ACC 9110 or equivalent .	Prerequisite	ACC 9110 or <u>ACC 9112</u> .

Rationale: The existing course description and title have been changed to fit with the sequence of new special topics courses in varying credit amounts (ACC 9990, ACC 9991, and ACC 9992).

AV.10.7b. Change in Prerequisites

From: BUS 9200		To: BUS 9200	
Title	Business Policy	Title	Business Policy
Prerequisites	All required MBA core/breadth	Prerequisites	ACC 9110 or ACC 9112; BUS

	<p>courses, plus 12 additional credits:</p>	<p><u>9551; BUS 9552 or BUS 9553 or BUS 9554; CIS 9001 or CIS 9000; ECO 9730 or ECO 9708; FIN 9770; IBS 9600; MGT 9300; MGT 9702 or MGT 9700; MKT 9703; STA 9708; either BUS 9100 or LAW 9000.</u></p>
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Rationale: The course prerequisites are being updated to conform to changes in the MBA core curriculum.

AV.10.8b. Change in Description and Prerequisites

From: CIS 9467		To: CIS 9467	
Title	Business Modeling with Spreadsheets	Title	Business Modeling with Spreadsheets
Description	<p>This course is designed for students who want to learn how to construct and use powerful spreadsheets. Its main purpose is to develop advanced proficiency in spreadsheet modeling to support effective managerial decision-making. This course is mostly project-oriented with a dual focus on spreadsheet engineering and the quantitative modeling of classic financial and other business problems. The course will also cover the application of spreadsheets to fundamental quantitative tools such as forecasting, sensitivity analysis, and data analysis using pivot tables.</p>	Description	<p><u>This course is designed for students who want to learn how to construct and use powerful spreadsheets. Its main purpose is to develop proficiency in quantitative modeling to support effective managerial decision-making. This course is mostly project-oriented with a dual focus on spreadsheet engineering and quantitative modeling of financial applications. The student will develop spreadsheet models to solve financial and other business problems and to aid the user in reaching reasonable and justifiable decisions. Several classic quantitative models will be developed and discussed. The course will introduce and review the fundamental quantitative tools including forecasting, sensitivity analysis, and data analysis using pivot tables.</u></p>
Prerequisites	<p>CIS 9000 or CIS9001; pre- or co-requisite: FIN 9770.</p>	Prerequisites	<p><u>STA 9708 or ACC9 110 or ACC 9112, or the equivalent.</u></p>

Rationale: The CIS program has run CIS 9467 for several semesters, and it has become clear that the content of the course does not require as much specific finance preparation as originally anticipated—most of the models covered in the course are used in multiple business

disciplines. Also, the existing pre-requisites proved to be an unnecessary barrier for students in many of the Masters of Science programs whose students would benefit from this class. Currently, the course is offered every semester with approximately 90 students enrolled per semester.

AV.10.9b. Change in Prerequisites

From: ECO 9707		To: ECO 9707	
Title	Economic Fluctuations and Forecasting	Title	Economic Fluctuations and Forecasting
Prerequisites	ECO 9709, STA 9708	Prerequisites	ECO 9709 <u>or</u> ECO 9740 and STA 9708

Rationale: Course prerequisites are being updated to conform to changes in the MBA core curriculum.

AV.10.10b. Change in Prerequisites

From: ECO 9714		To: ECO 9714	
Title	Public Finance I	Title	Public Finance I
Prerequisites	ECO 9708, ECO 9709	Prerequisites	ECO 9708 <u>or</u> ECO 9730; ECO 9709 <u>or</u> ECO 9740

Rationale: Course prerequisites are being updated to conform to changes in the MBA core curriculum.

AV.10.11b. Change in Prerequisites

From: ECO 9723		To: ECO 9723	
Title	Econometrics – Theory and Applications I	Title	Econometrics – Theory and Applications I
Prerequisites	ECO 9708, ECO 9709, and STA 9708 or equivalent	Prerequisites	ECO 9708 <u>or</u> ECO 9730; ECO 9709 <u>or</u> ECO 9740; STA 9708 or equivalent

Rationale: Course prerequisites are being updated to conform to changes in the MBA core curriculum.

AV.10.12b. Change in Prerequisite

From: ECO 9741		To: ECO 9741	
Title	International Economics I	Title	International Economics I
Prerequisite	ECO 9708	Prerequisite	ECO 9708 <u>or</u> ECO 9730

Rationale: Course prerequisites are being updated to conform to changes in the MBA core curriculum.

AV.10.13b. Change in Prerequisite

From: ECO 9760 (ILR 9760)		To: ECO 9760 (ILR 9760)	
Title	Labor Economics	Title	Labor Economics
Prerequisite	ECO 9708	Prerequisite	ECO 9708 <u>or</u> ECO 9730

Rationale: Course prerequisites are being updated to conform to changes in the MBA core curriculum.

AV.10.14b. Change in Prerequisites

From: FIN 9783		To: FIN 9783	
Title	Investment Analysis	Title	Investment Analysis
Prerequisites	FIN 9770; ECO 9709 <u>or equivalent (ECO 8000)</u>	Prerequisite	FIN 9770

Rationale: The course prerequisites are being updated to reflect changes in the MBA core curriculum.

AV.10.15b. Change in Prerequisite

From: MGT 9560		To: MGT 9560	
Title	Management Information Systems	Title	Management Information Systems
Prerequisite	CIS 9000	Prerequisite	CIS 9000 <u>or</u> CIS 9001

Rationale: Course prerequisite is being updated to conform to changes in the MBA core curriculum.

AV.10.16b. Change in Prerequisites

From: MGT 9610		To: MGT 9610	
Title	Dynamics of Competition, Industry Structure, and Corporate Strategy	Title	Dynamics of Competition, Industry Structure, and Corporate Strategy
Prerequisites	ECO 9708, ECO 9709 , FIN 9770, MGT 9300, and MKT 9703.	Prerequisites	ECO 9708 <u>or</u> ECO 9730; FIN 9770; MGT 9300; MKT 9703. <u>ECO 9709 or ECO 9740 is recommended, but not required.</u>

Rationale: Course prerequisites are being updated to conform to changes in the MBA core

curriculum.

AV.10.17b. Change in Prerequisites

From: MGT 9615		To: MGT 9615	
Title	Strategy Formulation and Implementation	Title	Strategy Formulation and Implementation
Prerequisites	ECO 9708, ECO 9709, FIN 9770, MGT 9300, and MKT 9703	Prerequisites	Any three required core courses.

Rationale: Course prerequisites are being updated to conform to changes in the MBA core curriculum.

AV.10.18b. Change in Prerequisites

From: MGT 9680		To: MGT 9680	
Title	Technology Strategy	Title	Technology Strategy
Prerequisites	CIS 9000, ECO 9708, ECO 9709, FIN 9770, MGT 9300, and MKT 9703	Prerequisites	CIS 9000 <u>or</u> CIS 9001; ECO 9708 <u>or</u> ECO 9730; FIN 9770; MGT 9300; MKT 9703. ECO 9709 <u>or</u> ECO 9740 is <u>recommended, but not required.</u>

Rationale: Course prerequisites are being updated to conform to changes in the MBA core curriculum.

AV.10.19b. Change in Prerequisites

From: MGT 9720		To: MGT 9720	
Title	Service Management Strategies	Title	Service Management Strategies
Prerequisite	MGT 9700	Prerequisites	MGT 9700 <u>or</u> MGT 9702 and MGT 9704

Rationale: Course prerequisite is being updated to conform to changes in the MBA core curriculum.

AV.10.20b. Change in Prerequisite

From: MGT 9730		To: MGT 9730	
Title	Project Management: Strategic Design and Implementation	Title	Project Management: Strategic Design and Implementation
Prerequisite	MGT 9700	Prerequisite	MGT 9700 <u>or</u> MGT 9702

Rationale: Course prerequisite is being updated to conform to changes in the MBA core curriculum.

AV.10.21b. Change in Description and Prerequisite

From: MGT 9975 (RES 9980)		To: MGT 9975 (RES 9980)	
Title	Real Estate Entrepreneurship	Title	Real Estate Entrepreneurship
Description	<p>This course builds upon the core issues introduced in the fall semester's real estate development course. It is based upon the core assumptions, and theory that since large parts of real estate are necessarily entrepreneurial, that more complex aspects of real estate entrepreneurship will engage the student in issues of risk evaluation at the 'opportunistic' segments of investment choices and financing. Such higher-risk higher-return acquisition and development options require a clear foundation in key dimensions of due diligence from both debt and equity lenders perspectives, as well as a clear appreciation of the ways in which deal structuring can affect the value of and stability of joint ventures engaged in high yield investing and development.</p>	Description	<p>This course <u>derives from the premise that since large parts of real estate are necessarily entrepreneurial, more complex aspects of real estate entrepreneurship will involve risk evaluation at "opportunistic" segments. Such higher-risk higher-return acquisition and development options require a clear foundation in due diligence from both debt and equity lenders' perspectives. This course also addresses how deal structuring can affect the value of and stability of joint ventures engaged in high yield investing and development.</u></p>
Prerequisite	<p>RES 9776, FIN 9776, RES 9860, MGT 9960 Credit is given for MGT 9975 or RES 9980, not both. Not open to students who have completed MGT 9875.</p>	Prerequisite	<p>RES 9776 <u>or</u> FIN 9776 <u>or</u> RES 9860 <u>or</u> MGT 9960 <u>(formerly MGT 9860) or departmental permission.</u> Credit is given for MGT 9975 or RES 9980, not both. Not open to students who have completed MGT 9875.</p>

Rationale: The change in the course description conforms to changes previously approved for the cross-listed course RES 9980 Real Estate Entrepreneurship. the course description and prerequisites are additionally edited for clarity and are consistent with the changes to RES 9980 described later in this document.

AV.10.22b. Change in Pre- or Corequisite

From: MKT 9780		To: MKT 9780	
Title	Digital Marketing	Title	Digital Marketing
Pre- or corequisites	MKT 9703 and CIS 9000	Pre- or corequisite	MKT 9703

Rationale: Course content does not require CIS 9000. This change will also open the course to our MS students since the MS-Marketing curriculum does not require CIS 9000.

AV.10.23b. Change in Pre- and Corequisites

From: OPR 9730		To: OPR 9730	
Title	Simulation Modeling and Analysis	Title	Simulation Modeling and Analysis
Pre- and corequisites	Prerequisite: STA 9708 or equivalent; corequisite: OPR/STA 9750 or permission of instructor	Prerequisite	STA 9708 or equivalent

Rationale: The computer skills for data and statistical analysis learned in OPR 9750 (e.g., SAS) are not needed for OPR 9730. The needed background in statistics can be acquired in STA 9708. In addition, the course material includes the statistical methodology that is necessary to analyze event-based simulation models and experimental designs.

AV.10.24b. Change in Prerequisite

From: RES 9960		To: RES 9960	
Title	Real Estate and Urban Economics	Title	Real Estate and Urban Economics
Prerequisite	ECO 9708 or departmental permission. Credit is given for RES 9960 or ECO 9774, not both.	Prerequisite	ECO 9708 <u>or</u> ECO 9730, or departmental permission. Credit is given for RES 9960 or ECO 9774, not both.

Rationale: The course prerequisites are being updated to conform to changes in the MBA core curriculum.

AV.10.25b. Change in Prerequisite and Description

From: RES 9980 (MGT 9975)		To: RES 9980 (MGT 9975)	
Title	Real Estate Entrepreneurship	Title	Real Estate Entrepreneurship
Description	This course is based upon the core assumptions, and theory that since large parts of real estate are necessarily	Description	This course <u>derives from the premise</u> that since large parts of real estate are necessarily entrepreneurial, more complex

	<p>entrepreneurial, that more complex aspects of real estate entrepreneurship will engage the student in issues of risk evaluation at the 'opportunistic' segments of investment choices and financing. Such higher-risk higher-return acquisition and development options require a clear foundation in key dimensions of due diligence from both debt and equity lenders perspectives, as well as a clear appreciation of the ways in which deal structuring can affect the value of and stability of joint ventures engaged in high yield investing and development.</p>		<p>aspects of real estate entrepreneurship will <u>involve</u> risk evaluation at "opportunistic" segments. Such higher-risk higher- return acquisition and development options require a clear foundation in due diligence from both debt and equity lenders' perspectives. <u>This course also addresses how deal structuring can affect the value of and stability of joint ventures engaged in high yield investing and development.</u></p>
Prerequisites	RES 9776, FIN 9776, RES 9860 or MGT 9860, or departmental permission.	Prerequisites	RES 9776 <u>or</u> FIN 9776 <u>or</u> RES 9860 <u>or</u> MGT 9960 (<u>formerly MGT 9860</u>) or departmental permission. <u>Credit is given for MGT 9975 or RES 9980, not both. Not open to students who have completed MGT 9875.</u>

Rationale: The course description and prerequisites are edited for clarity and are consistent with changes to the cross-listed course MGT 9975 Real Estate Entrepreneurship described earlier in this document.

AV.10.26b. Change in Pre- or Corequisite

From: TAX 9866		To: TAX 9866	
Title	Corporate Taxation I	Title	Corporate Taxation I
Pre- or corequisite	TAX 9862 or TAX 9863	Pre- or corequisite	TAX 9861 <u>or</u> TAX 9862 or TAX 9863

Rationale: TAX 9861 Federal Income Taxation: Theory and Practice (3 credits) is a new course intended primarily for accounting majors. It replaces TAX 9862 Federal Income Taxation as of spring 2014. TAX 9863 is a federal income taxation course intended primarily for taxation majors.

AV.10.27b. Change in Pre- or Corequisite

From: TAX 9868	To: TAX 9868
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Title	Partnership Taxation	Title	Partnership Taxation
Pre- or corequisite	TAX 9862 or TAX 9863	Pre- or corequisite	TAX 9861 or TAX 9862 or TAX 9863

Rationale: TAX 9861 Federal Income Taxation: Theory and Practice is a new course intended primarily for accounting majors. It replaces TAX 9862 Federal Income Taxation as of spring 2014. TAX 9863 is a federal income taxation course intended primarily for taxation majors.

AV.10.28b. Change in Pre- or Corequisite

From: TAX 9869		To: TAX 9869	
Title	International Taxation	Title	International Taxation
Pre- or corequisite	TAX 9862 or TAX 9863	Pre- or corequisite	TAX 9861 or TAX 9862 or TAX 9863

Rationale: TAX 9861 Federal Income Taxation: Theory and Practice is a new course intended primarily for accounting majors. It replaces TAX 9862 Federal Income Taxation as of spring 2014. TAX 9863 is a federal income taxation course intended primarily for taxation majors.

AV.10.29b. Change in Pre- or Corequisite

From: TAX 9870		From: TAX 9870	
Title	Estates, Trusts, and Planning	Title	Estates, Trusts, and Planning
Pre- or corequisite	TAX 9862 or TAX 9863	Pre- or corequisite	TAX 9861 or TAX 9862 or TAX 9863

Rationale: TAX 9861 Federal Income Taxation: Theory and Practice is a new course intended primarily for accounting majors. It replaces TAX 9862 Federal Income Taxation as of spring 2014. TAX 9863 is a federal income taxation course intended primarily for taxation majors.

AV.10.30b. Change in Pre- or Corequisite

From: TAX 9873		To: TAX 9873	
Title	Deferred Compensation	Title	Deferred Compensation
Pre- or corequisite	TAX 9862 or TAX 9863	Pre- or corequisite	TAX 9861 or TAX 9862 or TAX 9863

Rationale: TAX 9861 Federal Income Taxation: Theory and Practice is a new course intended primarily for accounting majors. It replaces TAX 9862 Federal Income Taxation as of spring 2014. TAX 9863 is a federal income taxation course intended primarily for taxation majors.

AV.10.31b. Change in Pre- or Corequisite

From: TAX 9877		To: TAX 9877	
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Title	State and Local Taxes	Title	State and Local Taxes
Pre- or corequisite	TAX 9862 or TAX 9863	Pre- or corequisite	<u>TAX 9861</u> or TAX 9862 or TAX 9863

Rationale: TAX 9861 Federal Income Taxation: Theory and Practice is a new course intended primarily for accounting majors. It replaces TAX 9862 Federal Income Taxation as of spring 2014. TAX 9863 is a federal income taxation course intended primarily for taxation majors.

AV.10.32b. Change in Pre- or corequisite

From: TAX 9878		To: TAX 9878	
Title	Taxation of Business Entities	Title	Taxation of Business Entities
Pre- or corequisite	TAX 9862 or TAX 9863	Pre- or corequisite	<u>TAX 9861</u> or TAX 9862 or TAX 9863

Rationale: TAX 9861 Federal Income Taxation: Theory and Practice is a new course intended primarily for accounting majors. It replaces TAX 9862 Federal Income Taxation as of spring 2014. TAX 9863 is a federal income taxation course intended primarily for taxation majors.

AV.10.33b. Change in Pre- or Corequisite

From: TAX 9889		To: TAX 9889	
Title	Current Problems in Taxation	Title	Current Problems in Taxation
Pre- or corequisite	TAX 9862 or TAX 9863	Pre- or corequisite	<u>TAX 9861</u> or TAX 9862 or TAX 9863

Rationale: TAX 9861 Federal Income Taxation: Theory and Practice is a new course intended primarily for accounting majors. It replaces TAX 9862 Federal Income Taxation as of spring 2014. TAX 9863 is a federal income taxation course intended primarily for taxation majors.

AV.10.34b. Change in Pre- or Corequisite

From: TAX 9900		To: TAX 9900	
Title	Tax Procedure and Professional Responsibility in Tax Practice	Title	Tax Procedure and Professional Responsibility in Tax Practice
Pre- or corequisite	TAX 9862 or TAX 9863	Pre- or corequisite	<u>TAX 9861</u> or TAX 9862 or TAX 9863

Rationale: TAX 9861 Federal Income Taxation: Theory and Practice is a new course intended primarily for accounting majors. It replaces TAX 9862 Federal Income Taxation as of spring 2014. TAX 9863 is a federal income taxation course intended primarily for taxation majors.

Section AVI: Courses Withdrawn

PSY 3065 The Psychology of Motivation

PSY 3070 Physiological Psychology

PSY 3072 Community Psychology

PSY 3074 Psychological Aspects of Disabling Conditions

PSY 3180 Vocational Psychology

PSY 3183 Psychology and Urban Problems

PSY 4015 Emotions in the Workplace

PSY 4054 Psycho-Educational Diagnosis and Appraisal of Special Groups

Rationale: PSY 3065 will be replaced by PSY3067 “Psychology of Motivation and Learning,” a new course. The new course addresses a gap in the current psychology curriculum. PSY 3070, PSY 3072, and PSY 3183 have not been offered for several years. There is no current member of the department who is prepared to teach these classes. PSY 3074 and PSY 4054 were designed for the long-defunct program in Special Education. The PSY 3180 title, bulletin description, and content are antiquated. The department is in the process of developing a more suitable course for our Industrial/Organizational Psychology majors. The member of the Psychology Department who designed and has taught PSY 4015 has indicated that she does not plan to offer it going forward. There is no other member of the department who is prepared to teach it.