

Program	2
BAR01 - Edit Program - FIN-MS - Academic Program Action - Change	2
BAR01 - Edit Program - STAT-MS - Academic Program Action - Change	3
Course	4
BAR01 - New Course - CIS9360 - Course - New Course	4
BAR01 - Edit Course - CIS9760 - Course - Change Course Data	7
BAR01 - Edit Course - FIN9893 - Course - Change Course Data	10
BAR01 - Edit Course - LAW9740 - Course - Change Course Data	13
BAR01 - New Course - OPM9560 - Course - New Course	16
BAR01 - New Course - OPM9570 - Course - New Course	19
BAR01 - New Course - OPM9592 - Course - New Course	22
BAR01 - New Course - OPM9593 - Course - New Course	25
BAR01 - New Course - OPM9715 - Course - New Course	28
BAR01 - Edit Course - STA9715 - Course - Change Course Data	31
Special Actions	34
BAR01 - New Special Actions - BARUCH COLLEGE - WASEDA UNIVERSITY - INTERNATIONAL STUDENT EXCHANGE AUTHORIZATION - Special Actions	34

Program

BAR01 - Edit Program - FIN-MS - Academic Program Action - Change

Action Detail

Institution

Baruch College

MHC Field of Study Code

-

Action

Changes to the Curriculum

Degree Designation

MS - Master of Science

Summary

We are adding several electives to the FinTech Track and the Quantitative Finance Track to broaden the academic options available to students. The original list of electives was relatively narrow, and with new courses now available, we can strengthen both tracks. These additional courses align well with the goals of the FinTech and Quantitative Finance Tracks, offering students greater flexibility and exposure to emerging areas that are highly relevant to the industry.

NYSED Applications

-

Distance Education Application

-

Attachments

[Zicklin Grad AURD November-December 2025 \(Changes in Degree Programs, MS in FIN\).docx](#)

Program Details

Official Name of Program

Finance

CIP Code

52.1399

HEGIS Code

0504.00

Field of Study (IRP)

20786

AIII.2. The following revisions are proposed to add some electives to Fintech Track and Quantitative Finance Track in the MS in Finance in the Zicklin School of Business.

Business Program: MS in Finance

HEGIS Code: 0504.00

Program Code: 20786

Effective: Fall 2026

From: MS in Finance 30 credits			To: MS in Finance 30 credits		
Course	Description	Crs	Course	Description	Crs
General Finance Track			General Finance Track		
Preliminary Courses			Preliminary Courses		
ECO 9730	Firms in the Global Economy	1.5	ECO 9730	Firms in the Global Economy	1.5
ECO 9740	Fundamentals of Macroeconomics	1.5	ECO 9740	Fundamentals of Macroeconomics	1.5
FIN 9762	Introduction to Quantitative Tools for Finance	3	FIN 9762	Introduction to Quantitative Tools for Finance	3
FIN 9770	Corporate Finance	3	FIN 9770	Corporate Finance	3
Courses in Specialization (30 credits)			Courses in Specialization (30 credits)		
Required Courses (10.5 credits)			Required Courses (10.5 credits)		
BUS 9551	Business Communication I	1.5	BUS 9551	Business Communication I	1.5
ECO 9723	Econometrics: Theory and Applications I	3	ECO 9723	Econometrics: Theory and Applications I	3
FIN 9781	Intermediate Corporate Finance	3	FIN 9781	Intermediate Corporate Finance	3
FIN 9783	Investment Analysis	3	FIN 9783	Investment Analysis	3
Elective Courses (19.5 credits)			Elective Courses (19.5 credits)		
Finance Electives: Choose 13.5-19.5 credits from the list below:			Finance Electives: Choose 13.5-19.5 credits from the list below:		
ECO 9713	Money, Banking, and Monetary Policy	3	ECO 9713	Money, Banking, and Monetary Policy	3
ECO 9724	Econometrics: Theory and Applications II	3	ECO 9724	Econometrics: Theory and Applications II	3
FIN 9759	Mergers and Acquisitions	3	FIN 9759	Mergers and Acquisitions	3
FIN 9774	Venture Capital and Entrepreneurial Finance	3	FIN 9774	Venture Capital and Entrepreneurial Finance	3
FIN 9777	Data Science in Finance	3	FIN 9777	Data Science in Finance	3
FIN 9782	Futures and Forward Markets	3	FIN 9782	Futures and Forward Markets	3
FIN 9784	Management of Financial Institutions	3	FIN 9784	Management of Financial Institutions	3
FIN 9786	International Financial Markets	3	FIN 9786	International Financial Markets	3
FIN 9788	International Corporate Finance	3	FIN 9788	International Corporate Finance	3

FIN 9789	Equity Markets: Trading and Structure	3	FIN 9789	Equity Markets: Trading and Structure	3
FIN 9790	Seminar in Finance	3	FIN 9790	Seminar in Finance	3
FIN 9792	Advanced Corporate Finance	3	FIN 9792	Advanced Corporate Finance	3
FIN 9793	Advanced Investment Analysis	3	FIN 9793	Advanced Investment Analysis	3
FIN 9795	Debt Instruments and Markets	3	FIN 9795	Debt Instruments and Markets	3
FIN 9797	Options Markets	3	FIN 9797	Options Markets	3
FIN 9852	Measurement and Management of Market Risk I	1.5	FIN 9852	Measurement and Management of Market Risk I	1.5
FIN 9853	Measurement and Management of Market Risk II	1.5	FIN 9853	Measurement and Management of Market Risk II	1.5
FIN 9854	Measurement and Management of Credit Risk I	1.5	FIN 9854	Measurement and Management of Credit Risk I	1.5
FIN 9855	Measurement and Management of Credit Risk II	1.5	FIN 9855	Measurement and Management of Credit Risk II	1.5
FIN 9856	Measurement and Management of Risks in Operations and Information Technology	1.5	FIN 9856	Measurement and Management of Risks in Operations and Information Technology	1.5
FIN 9857	Measurement and Management of Risks in Investments	1.5	FIN 9857	Measurement and Management of Risks in Investments	1.5
FIN 9858	Implications of Corporate Governance, Regulation, and Ethics for Risk Management	1.5	FIN 9858	Implications of Corporate Governance, Regulation, and Ethics for Risk Management	1.5
FIN 9877	AI and Machine Learning in Finance	3	FIN 9877	AI and Machine Learning in Finance	3
FIN 9880	International Financial Markets	1.5	FIN 9880	International Financial Markets	1.5
FIN 9881	Debt Securities	1.5	FIN 9881	Debt Securities	1.5
FIN 9882	Futures and Forwards	1.5	FIN 9882	Futures and Forwards	1.5
FIN 9883	Options	1.5	FIN 9883	Options	1.5
FIN 9884	Venture Capital	1.5	FIN 9884	Venture Capital	1.5
FIN 9891	Special Topics in Investments	1.5	FIN 9891	Special Topics in Investments	1.5
FIN 9892	Special Topics in Investments	2	FIN 9892	Special Topics in Investments	2
FIN 9893	Special Topics in Investments	3	FIN 9893	Special Topics in Investments	3
FIN 9895	Special Topics in Corporate Finance	1.5	FIN 9895	Special Topics in Corporate Finance	1.5
FIN 9897	Special Topics in Corporate Finance	3	FIN 9897	Special Topics in Corporate Finance	3
FIN 9985	Risk Management in Financial Institutions	3	FIN 9985	Risk Management in Financial Institutions	3

Business Electives: Choose 0-6 credits from the list below:			Business Electives: Choose 0-6 credits from the list below:		
ACC 9110	Financial Accounting	3	ACC 9110	Financial Accounting	3
ACC 9810	Current Topics in Financial Accounting	3	ACC 9810	Current Topics in Financial Accounting	3
ACC 9993	Special Topics in Accountancy	3	ACC 9993	Special Topics in Accountancy	3
CIS 9555	Principles of FinTech	3	CIS 9555	Principles of FinTech	3
			<u>CIS 9559</u>	<u>Practical Artificial Intelligence (AI) for Business</u>	<u>3</u>
RES 9776	Real Estate Finance	3	RES 9776	Real Estate Finance	3

RES 9850	Real Estate Capital Markets	3	RES 9850	Real Estate Capital Markets	3
BUS 9801-9803 OR BUS 9811 - 9813	Graduate Internship I, II, III (in Finance)	1-3	BUS 9801-9803 OR BUS 9811 - 9813	Graduate Internship I, II, III (in Finance)	1-3

FROM: MS in Finance 30 credits

Course	Description	Crs
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Fintech Track

Preliminary Courses

ECO 9730	Firms in the Global Economy	1.5
ECO 9740	Fundamentals of Macroeconomics	1.5
FIN 9762	Introduction to Quantitative Tools for Finance	3
FIN 9770	Corporate Finance	3

Courses in Specialization (30 credits)

Required Courses (10.5 credits)

BUS 9551	Business Communication I	1.5
ECO 9723	Econometrics: Theory and Applications I	3
FIN 9781	Intermediate Corporate Finance	3
FIN 9783	Investment Analysis	3

Fintech Track Required Courses (12 credits) The following courses are required for all Fintech students. Students are advised to take the required courses as early in the program as they can because they serve as the prerequisites for many electives.

To: MS in Finance 30 credits

Course	Description	Crs
--------	-------------	-----

Fintech Track

Preliminary Courses

ECO 9730	Firms in the Global Economy	1.5
ECO 9740	Fundamentals of Macroeconomics	1.5
FIN 9762	Introduction to Quantitative Tools for Finance	3
FIN 9770	Corporate Finance	3

Courses in Specialization (30 credits)

Required Courses (10.5 credits)

BUS 9551	Business Communication I	1.5
ECO 9723	Econometrics: Theory and Applications I	3
FIN 9781	Intermediate Corporate Finance	3
FIN 9783	Investment Analysis	3

Fintech Track Required Courses (12 credits) The following courses are required for all Fintech students. Students are advised to take the required courses as early in the program as they can because they serve as the prerequisites for many electives.

CIS 9555	Principles of Fintech	3	CIS 9555	Principles of Fintech	3
CIS 9551 or CIS 9556	Blockchain Technologies and Applications or Risk Management and Information Security	3	CIS 9551 or CIS 9556	Blockchain Technologies and Applications or Risk Management and Information Security	3
LAW 9250	Financial Regulation of Emerging Technologies	3	LAW 9250	Financial Regulation of Emerging Technologies	3
LAW 9720 or LAW 9708	Information Privacy Law and Policy or Law and Technology: Protecting Innovation, Managing Exposures, and Achieving Compliance	3	LAW 9720 or LAW 9708	Information Privacy Law and Policy or Law and Technology: Protecting Innovation, Managing Exposures, and Achieving Compliance	3

Fintech Track Elective Courses: Choose 7.5 credits from the list of CIS, LAW, and ECO/FIN courses below. Students may take up to 3 credits of internship (BUS 980-9803 or BUS 9811-9813) toward their electives.

Fintech Track Elective Courses: Choose 7.5 credits from the list of CIS, LAW, and ECO/FIN courses below. Students may take up to 3 credits of internship (BUS 980-9803 or BUS 9811-9813) toward their electives.

			<u>CIS 9559</u>	<u>Practical Artificial Intelligence (AI) for Business</u>	<u>3</u>
CIS 9650	Programming for Analytics	3	CIS 9650	Programming for Analytics	3

CIS 9760	Big Data Technologies	3	CIS 9760	Big Data Technologies	3
CIS 9551	Blockchain Technologies and Applications	3	CIS 9551	Blockchain Technologies and Applications	3
CIS 9556	Risk Management and Information Security	3	CIS 9556	Risk Management and Information Security	3
			<u>FIN 9777</u>	<u>Data Science in Finance</u>	<u>3</u>
FIN 9784	Management of Financial Institutions	3	FIN 9784	Management of Financial Institutions	3
			<u>FIN 9790</u>	<u>Seminar in Finance</u>	<u>3</u>
FIN 9795	Debt Instruments and Markets	3	FIN 9795	Debt Instruments and Markets	3
FIN 9797	Options Markets	3	FIN 9797	Options Markets	3
FIN 9852	Measurement and Management of Market Risk I	1.5	FIN 9852	Measurement and Management of Market Risk I	1.5
FIN 9853	Measurement and Management of Market Risk II	1.5	FIN 9853	Measurement and Management of Market Risk II	1.5
FIN 9854	Measurement and Management of Credit Risk I	1.5	FIN 9854	Measurement and Management of Credit Risk I	1.5
FIN 9855	Measurement and Management of Credit Risk II	1.5	FIN 9855	Measurement and Management of Credit Risk II	1.5

FIN 9856	Measurement and Management of Risks in Operations and Information Technology	1.5	FIN 9856	Measurement and Management of Risks in Operations and Information Technology	1.5
FIN 9857	Measurement and Management of Risks in Investments	1.5	FIN 9857	Measurement and Management of Risks in Investments	1.5
			<u>FIN 9858</u>	<u>Implications of Corporate Governance, Regulation, and Ethics for Risk Management</u>	<u>1.5</u>
			<u>FIN 9877</u>	<u>AI and Machine Learning in Finance</u>	<u>3</u>
FIN 9891	Special Topics in Investments	1.5	FIN 9891	Special Topics in Investments	1.5
FIN 9893	Special Topics in Investments	3	FIN 9893	Special Topics in Investments	3
			<u>FIN 9895</u>	<u>Special Topics in Corporate Finance</u>	<u>1.5</u>
			<u>FIN 9897</u>	<u>Special Topics in Corporate Finance</u>	<u>3</u>
LAW 9720	Information Privacy Law and Policy	3	LAW 9720	Information Privacy Law and Policy	3
LAW 9104	Securities Law/Business Crime	3	LAW 9104	Securities Law/Business Crime	3
LAW 9111	United States Banking Law	3	LAW 9111	United States Banking Law	3
LAW 9708	Law and Technology: Protecting Innovation, Managing Exposures, and Achieving Compliance	3	LAW 9708	Law and Technology: Protecting Innovation, Managing Exposures, and Achieving Compliance	3
			<u>LAW 9893</u>	<u>Special Topics in Law</u>	<u>3</u>
BUS 9801-9803 OR BUS 9811 - 9813	Graduate Internship I, II, III (in Finance)	1-3	BUS 9801-9803 OR BUS 9811 - 9813	Graduate Internship I, II, III (in Finance)	1-3
FROM: MS in Finance 30 credits			To: MS in Finance 30 credits		
Course	Description	Crs	Course	Description	Crs
Quantitative Finance Track			Quantitative Finance Track		
Preliminary Courses			Preliminary Courses		
ECO 9730	Firms in the Global Economy	1.5	ECO 9730	Firms in the Global Economy	1.5
ECO 9740	Fundamentals of Macroeconomics	1.5	ECO 9740	Fundamentals of Macroeconomics	1.5
FIN 9762	Introduction to Quantitative Tools for Finance	3	FIN 9762	Introduction to Quantitative Tools for Finance	3
FIN 9770	Corporate Finance	3	FIN 9770	Corporate Finance	3
Courses in Specialization (30 credits)			Courses in Specialization (30 credits)		
Required Courses (10.5 credits)			Required Courses (10.5 credits)		
BUS 9551	Business Communication I	1.5	BUS 9551	Business Communication I	1.5

ECO 9723	Econometrics: Theory and Applications I	3	ECO 9723	Econometrics: Theory and Applications I	3
FIN 9781	Intermediate Corporate Finance	3	FIN 9781	Intermediate Corporate Finance	3
FIN 9783	Investment Analysis	3	FIN 9783	Investment Analysis	3
Quantitative Finance Track Required Courses (6 credits) The following courses are required for all Quantitative Finance Track students. Students are advised to take the required courses as early in the program as they can because they serve as the prerequisites for many electives.			Quantitative Finance Track Required Courses (6 credits) The following courses are required for all Quantitative Finance Track students. Students are advised to take the required courses as early in the program as they can because they serve as the prerequisites for many electives.		
FIN 9777	Data Science in Finance	3	FIN 9777	Data Science in Finance	3
FIN 9877	AI and Machine Learning in Finance	3	FIN 9877	AI and Machine Learning in Finance	3
Quantitative Finance Track Elective Courses: Choose 13.5 credits from the list of ECO/FIN courses below. Students may take up to 3 credits of internship (BUS 980-9803 or BUS 9811-9813) toward their electives.			Quantitative Finance Track Elective Courses: (13.5 credits)		
			<u>Finance Electives: Choose 7.5-13.5 credits from the list below:</u>		
ECO 9724	Econometrics: Theory and Applications II	3	ECO 9724	Econometrics: Theory and Applications II	3
			FIN 9759	<u>Mergers and Acquisitions</u>	<u>3</u>
FIN 9782	Futures and Forward Markets	3	FIN 9782	Futures and Forward Markets	3
FIN 9786	International Financial Markets	3	FIN 9786	International Financial Markets	3
FIN 9789	Equity Markets: Trading and Structure	3	FIN 9789	Equity Markets: Trading and Structure	3
FIN 9790	Seminar in Finance	3	FIN 9790	Seminar in Finance	3
FIN 9795	Debt Instruments and Markets	3	FIN 9795	Debt Instruments and Markets	3
FIN 9797	Options Markets	3	FIN 9797	Options Markets	3
FIN 9852	Measurement and Management of Market Risk I	1.5	FIN 9852	Measurement and Management of Market Risk I	1.5
FIN 9853	Measurement and Management of Market Risk II	1.5	FIN 9853	Measurement and Management of Market Risk II	1.5
FIN 9854	Measurement and Management of Credit Risk I	1.5	FIN 9854	Measurement and Management of Credit Risk I	1.5
FIN 9855	Measurement and Management of Credit Risk II	1.5	FIN 9855	Measurement and Management of Credit Risk II	1.5
FIN 9856	Measurement and Management of Risks in Operations and Information Technology	1.5	FIN 9856	Measurement and Management of Risks in Operations and Information Technology	1.5
FIN 9857	Measurement and Management of Risks in Investments	1.5	FIN 9857	Measurement and Management of Risks in Investments	1.5

FIN 9858	Implications of Corporate Governance, Regulation, and Ethics for Risk Management	1.5	FIN 9858	Implications of Corporate Governance, Regulation, and Ethics for Risk Management	1.5
FIN 9891	Special Topics in Investments	1.5	FIN 9891	Special Topics in Investments	1.5
FIN 9893	Special Topics in Investments	3	FIN 9893	Special Topics in Investments	3
			<u>FIN 9895</u>	<u>Special Topics in Corporate Finance</u>	<u>1.5</u>
			<u>FIN 9897</u>	<u>Special Topics in Corporate Finance</u>	<u>3</u>
FIN 9985	Risk Management in Financial Institutions	3	FIN 9985	Risk Management in Financial Institutions	3
Business Electives: Choose 0-6 credits from the list below:					
			<u>CIS 9551</u>	<u>Blockchain Technologies and Applications</u>	<u>3</u>
			<u>CIS 9555</u>	<u>Principles of FinTech</u>	<u>3</u>
			<u>CIS 9559</u>	<u>Practical Artificial Intelligence (AI) for Business</u>	<u>3</u>
			<u>CIS 9650</u>	<u>Programming for Analytics</u>	<u>3</u>
			<u>CIS 9760</u>	<u>Big Data Technologies</u>	<u>3</u>
BUS 9801-9803 OR BUS 9811 - 9813	Graduate Internship I, II, III (in Finance)	1-3	BUS 9801-9803 OR BUS 9811 - 9813	Graduate Internship I, II, III (in Finance)	1-3

Rationale:
We are adding several electives to the FinTech Track and the Quantitative Finance Track to broaden the academic options available to students. The original list of electives was relatively narrow, and with new courses now available, we can strengthen both tracks. These additional courses align well with the goals of the FinTech and Quantitative Finance Tracks, offering students greater flexibility and exposure to emerging areas that are highly relevant to the industry.

BAR01 - Edit Program - STAT-MS - Academic Program Action - Change

Action Detail

Institution

Baruch College

MHC Field of Study Code

-

Action

Changes to the Curriculum

Degree Designation

MS - Master of Science

Summary

MTH 2207 has been eliminated and the only Calculus I classes are now MTH 2600 and MTH 2610. The only Calculus II class that students taking MTH 2600 and MTH 2610 can then take is MTH 3010.

NYSED Applications

-

Distance Education Application

-

Attachments

[Zicklin Grad AURD November-December 2025 \(Changes in Degree Programs, MS in STA\).docx](#)

Program Details

Official Name of Program

Statistics

CIP Code

27.0501

HEGIS Code

0503.00

Field of Study (IRP)

79229

All:1. The following revisions are proposed for the MS in Statistics in the Zicklin School of Business

Program: MS in Statistics

HEGIS Code: 0503.00

Program Code: 79229

Effective: Fall 2026

From: MS in Statistics			To: MS in Statistics		
Course	Description	Crs	Course	Description	Crs
Preliminary Courses (9 Credits)			Preliminary Courses (9 Credits)		
Students with appropriate academic background will be able to reduce the number of credits in preliminary requirements. Grades in undergraduate mathematics courses are not calculated in the grade point average.			Students with appropriate academic background will be able to reduce the number of credits in preliminary requirements. Grades in undergraduate mathematics courses are not calculated in the grade point average.		
MTH 2207	Elements of Calculus and Matrix Algebra	4	<u>MTH 2600 or</u> <u>MTH 2610</u>	<u>Calculus I with Trigonometry Refresher or</u> <u>Calculus 1</u>	4
MTH 3006	Elementary Calculus II	4	MTH 3006 <u>MTH 3010</u>	Elements of Calculus II <u>or</u> <u>Calculus II</u>	4
STA 9708	Managerial Statistics	3	STA 9708	Managerial Statistics	3
Note: MTH 2207 and MTH 3006 are undergraduate courses. Entering students are strongly advised to complete			Note: MTH <u>2600, 2610, 3006 and MTH 3010</u> are undergraduate courses. Entering students are strongly		

a minimum of six credits of calculus before starting the MS programs in Statistics, in order to waive these math requirements.			advised to complete a minimum of six credits of calculus before starting the MS programs in Statistics, in order to waive these math requirements.		
Courses in Specialization (31.5 Credits)			Courses in Specialization (31.5 Credits)		
Required (13.5 credits)			Required (13.5 credits)		
BUS 9551	Business Communication I	1.5	BUS 9551	Business Communication I	1.5
STA 9700	Applied Regression Analysis	3	STA 9700	Applied Regression Analysis	3
STA 9715	Applied Probability	3	STA 9715	Applied Probability	3
STA 9719	Foundations of Statistical Inference	3	STA 9719	Foundations of Statistical Inference	3
STA 9750	Software Tools for Data Analysis	3	<u>STA 9750</u>	Software Tools for Data Analysis	3
Electives (12 credits)			Electives (12 credits)		
Choose 12-18 credits from the list below for the MS-Stats degree. If you plan to specialize in the Data Science concentration, please ensure that you take the appropriate electives specific to that track.			Choose 12-18 credits from the list below for the MS-Stats degree. If you plan to specialize in the Data Science concentration, please ensure that you take the appropriate electives specific to that track.		
STA 9701	Time Series: Forecasting and Statistical Modeling	3	STA 9701	Time Series: Forecasting and Statistical Modeling	3
STA 9705	Multivariate Statistical Methods	3	STA 9705	Multivariate Statistical Methods	3
STA 9706	Analysis of Categorical and Ordinal Data	3	STA 9706	Analysis of Categorical and Ordinal Data	3

STA 9710	Statistical Methods in Sampling and Auditing	3	STA 9710	Statistical Methods in Sampling and Auditing	3
STA 9712	Advanced Linear Models	3	STA 9712	Advanced Linear Models	3
STA 9713	Financial Statistics	3	STA 9713	Financial Statistics	3
STA 9714	Experimental Design for Business	3	STA 9714	Experimental Design for Business	3
STA/OPR 9783	Stochastic Processes for Business Applications	3	STA/OPR 9783	Stochastic Processes for Business Applications	3
STA 9791	Special Topics in Statistics	1	STA 9791	Special Topics in Statistics	1
STA 9792	Special Topics in Statistics	1.5	STA 9792	Special Topics in Statistics	1.5
STA 9793	Special Topics in Statistics	2	STA 9793	Special Topics in Statistics	2
STA 9794	Special Topics in Statistics	3	STA 9794	Special Topics in Statistics	3
STA 9797	Advanced Data Analysis	3	STA 9797	Advanced Data Analysis	3
STA 9850	Advanced Statistical Computing	3	<u>STA 9850</u>	Advanced Statistical Computing	3
STA 9890	Statistical Learning for Data Mining	3	STA 9890	Statistical Learning for Data Mining	3
STA 9891	Machine Learning for Data Mining	3	STA 9891	Machine Learning for Data Mining	3
Business Electives (6 credits):			Business Electives (6 credits):		

Choose 6 credits of 9000-level courses from the graduate offerings of the Zicklin School of Business, with the exception of i) STA 9708; ii) courses applied towards a prior master's degree; or iii) courses that do not allow credit to be given for both that course and another statistics course. Students may take additional statistics courses as their business electives.

Choose 6 credits of 9000-level courses from the graduate offerings of the Zicklin School of Business, with the exception of i) STA 9708; ii) courses applied towards a prior master's degree; or iii) courses that do not allow credit to be given for both that course and another statistics course. Students must meet all prerequisites requirements to register for any of the 9000-level courses. Students may take additional statistics courses as their business electives.

Concentration in Data Science:

In addition to the 13.5 credits of required MS courses, students must take all of the following required data science courses.

STA 9705	Multivariate Statistical Methods	3
STA 9797	Advanced Data Analysis	3
STA 9890	Statistical Learning for Data Mining	3
STA 9891	Machine Learning for Data Mining	3

Concentration in Data Science:

In addition to the 13.5 credits of required MS courses, students must take all of the following required data science courses.

STA 9705	Multivariate Statistical Methods	3
STA 9797	Advanced Data Analysis	3
STA 9890	Statistical Learning for Data Mining	3
STA 9891	Machine Learning for Data Mining	3

Rationale:

MTH 2207 has been eliminated and the only Calculus I classes are now MTH 2600 and MTH 2610. The only Calculus II class that students taking MTH 2600 and MTH 2610 can then take is MTH 3010.

Course

BAR01 - New Course - CIS9360 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Cloud Management

Is this Course Required for a Major?

Yes

Is this Course Part of a Major within your Department?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

Vendor-neutral, hands-on introduction to cloud management, including cloud architecture, cloud service models, cloud migration, managing cloud resources, vulnerability management, DevOps environments, and troubleshooting. Online labs will be used to develop technical skills. Upon completing the course, students will have a practical understanding of how to design, deploy, secure and maintain products and services that operate in the cloud.

Catalog Data

Start Term

2026 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

OAA AUR, Baruch College, 2025 / November

Requirement Designation
Graduate Non-Liberal Arts

Course Attributes
-

Course Offerings

Subject Area	Catalog Number
CIS	9360

Department(s)
Information Systems and Statistics

Pre-Requisites / Co-Requisites
none

Credits

Credit Hours

Minimum:	Max:
3	3

Contact Hours

Value:
3

Rationale

Please provide the rationale for new course or for any changes?

Cloud computing is crucial for managers as it provides a platform for enhanced data accessibility, streamlined operations, improved decision-making capabilities through data analytics, cost optimization by scaling resources on demand, increased collaboration among teams, and greater flexibility to adapt to changing business needs, all while minimizing the need to manage complex IT infrastructure. The course is intended to be taught in an online format designed around the CompTIA Cloud+ knowledge domains (cloud architecture, deployment, operations, DevOps, and troubleshooting), and aims to provide a practical, vendor neutral introduction to the subject with the use of online labs. The course will also expand the electives available for the general and cybersecurity track.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - CIS9760 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Big Data Technologies

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

The explosion of data collection and aggregation technologies has given rise to data-intensive problems. This course will give students an overview of the big data technologies that will help efficiently store, extract, and process very large datasets. Students will learn key management techniques, including critical concepts such as Distributed File Systems (storage concepts) and MapReduce/Spark (processing concepts) that power modern big data technologies. In addition, the course will show how big data technologies can be used effectively for practical applications.

Catalog Data

Start Term

2026 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Graduate Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

CIS

Catalog Number

9760

Course Typically Offered

Fall, Spring, Summer

Department(s)

Information Systems and Statistics

Pre-Requisites / Co-Requisites

CIS 9340 and CIS 9650

Credits

Credit Hours

Minimum:

3

Max:

3

Contact Hours

Value:

3

Rationale

Please provide the rationale for new course or for any changes?

Presently, CIS 9760 Big Data Technologies has a statistics course STA 9708 and a Python programming course CIS 9650 as pre-requisites. An important component of CIS 9760 covers techniques for querying large databases using structured query language (SQL). Students without SQL skills are at a disadvantage when discussing these important concepts. Adding CIS 9340 Principles of Database Management Systems as an additional pre-requisite will provide the appropriate level of preparation for students taking CIS 9760.

Additionally, the course mainly covers data wrangling and engineering to collect, store, and process large amounts of data. There is not much statistical analysis required. Some statistics knowledge is helpful; however, the course does not need the knowledge of hypothesis testing or regression models. As our MS-Program is a 30-33 credit program that does not leave a lot of room for multiple pre-requisites, CIS 9760 and CIS 9340 are better suited to deliver the course. Therefore, removing STA 9708 will be beneficial. The original pre-reqs were designed to include the course in MS-Stats program's data science concentration. However, the course evolved after it was redesigned with the help of previous adjunct faculty.

Finally, as the course does not focus on statistical methods, removing the term 'analysis' ensures that students do not expect to conduct statistical modeling or predictions.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - FIN9893 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Special Topics in Investments

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course focuses on timely and relevant topics in investments 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- or corequisites will be announced during the preceding semester. Students may take this more than once provided that different topics are covered.

Catalog Data

Start Term

2026 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Graduate Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area	Catalog Number
FIN	9893

Course Typically Offered
Fall, Spring, Summer

Department(s)
Economics and Finance

Pre-Requisites / Co-Requisites
FIN 9770

Credits

Credit Hours

Minimum:	Max:
3	3

Contact Hours

Value:
3

Rationale

Please provide the rationale for new course or for any changes?

For pedagogical reasons the prerequisite was not correctly specified. FIN 9770 (Corporate Finance) establishes the foundations of financial management, including the time value of money, financial statement analysis, and the valuation of securities and capital projects. With FIN9770 as prerequisite, FIN 9783 (Investment Analysis) applies these principles to the study of securities markets, investment valuation, and portfolio analysis. FIN 9893 (Special Topics in Investments) covers timely and emerging investment topics that are not currently included in the curriculum. Right now, FIN 9893's prerequisite is FIN9783, but FIN 9770 is enough.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - LAW9740 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

International Business and Law

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

Students learn to conduct business internationally. The course starts with the structure and risk allocation in a basic international commercial purchase and sale. From there, the course expands into services contracts and then technology transfers. Students learn to use customary contract terms and understand how these terms define obligations and allocate risk. In the second part of the course, students learn to apply for and use a Letter of Credit, how to use Letters of Credit to manage transactional risk, and how to employ the banking system to finance and facilitate international transactions. In the third course segment, students learn concepts of jurisdiction and conflict of laws. The course dives deeply into application of U.S. regulatory law to foreign businesses and foreign law to U.S. businesses. The course shows students how nations and courts encounter and decide weighty subjects involving, among other things, conflicting sovereignty and regulatory jurisdiction. Students learn to evaluate which country's laws and regulations govern a multinational business' transactions. The students read famous and important cases written by legendary judges, including Holmes, Cardozo, Hand, Mansfield, and Scalia. These cases teach the students about contracts, law, history, economics, business, banking, and global regulation. The course employs a specialized law-school style casebook available without cost on Brightspace.

Catalog Data

OAA AUR, Baruch College, 2025 / November

Start Term

2026 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Graduate Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

LAW

Catalog Number

9740

Course Typically Offered

Fall, Spring, Summer

Department(s)

Law

Pre-Requisites / Co-Requisites

-

Credits

Credit Hours

Minimum:

3

Max:

3

Contact Hours

Value:

3

Rationale

Please provide the rationale for new course or for any changes?

This course has not been offered in several years. This proposal updates the course title and description to reflect syllabus changes designed to make the course more useful to today's business student.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - OPM9560 - Course - New Course

Course Description

Institution

Baruch College

Course Title

AI-Assisted Inventory Analytics

Is this Course Required for a Major?

Yes

Is this Course Part of a Major within your Department?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course introduces the fundamental tradeoffs involved in inventory management across various industries with applications concerning business functions including operations, marketing, and others. Students will gain decision analytics capabilities to develop effective and data-driven solutions. There will be particular emphasis on using a sequential decision-making framework to model real inventory management situations. Using AI-assisted programming on a software collaboration platform, students will learn to parameterize these models with data and assess the effectiveness of commonly implemented inventory policy solutions via simulation. Specific topics will include continuous and periodic review inventory models for products with steady demand and auto-regressive demand, single-period inventory models for product with seasonal demand, inventory management with concurrent demand learning, and integrated demand learning and inventory optimization methods including predict-than-optimize, sample average approximation, and decision-aware learning.

Catalog Data

Start Term

2026 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

OAA AUR, Baruch College, 2025 / November

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Graduate Non-Liberal Arts

Course Attributes

-

Course Offerings

Subject Area

OPM

Catalog Number

9560

Department(s)

Management

Pre-Requisites / Co-Requisites

none

Credits

Credit Hours

Minimum:

3

Max:

3

Contact Hours

Value:

3

Rationale

Please provide the rationale for new course or for any changes?

The recently revised MS in Business Analytics (MS-BA) offers students the option to complete a track in Operations and Decision Analytics (ODA). The ODA track requires students to take one graduate course in Operations (OPM 97XX), one graduate course in Decision Analytics (OPM 95XX) that is beyond OPM 9500 (which is already part of the core MS-BA curriculum), and two elective courses.

While the department currently offers several options for students to complete the Operations course (including Operations Management, Project Management, and Supply Chain Management), there is currently only one graduate course in Decision Analytics beyond OPM 9500. We propose this new graduate course, "AI-Driven Inventory Analytics", as a timely and relevant option for students to take as part of the ODA track or as a graduate elective.

Recent advances in AI mean that even students with little programming background can use sophisticated decision analytics tools to analyze business decisions. This course introduces such computational tools within the functional context of inventory management, which is a key driver of operational performance for firms that produce or consume physical goods.

The department plans to offer these course options on a rotating basis starting after the ODA track is available for MS-BA students in 2026.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - OPM9570 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Healthcare Operations and Decision Analytics

Is this Course Required for a Major?

Yes

Is this Course Part of a Major within your Department?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course introduces the application of decision-analytics tools to a healthcare operations context. Students will build mathematical models of business decisions common in healthcare, parameterize these models with data, and apply single and multiple-period optimization techniques. Topics may include machine learning and dynamic programming for medical decision-making, analysis and optimization of patient flow, capacity optimization in a hospital or health system, healthcare supply-chain analytics, and the use of statistical process control in a healthcare setting. This course will use a modern programming language and artificial intelligence (AI).

Catalog Data

Start Term

2026 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

OAA AUR, Baruch College, 2025 / November

Requirement Designation
Graduate Non-Liberal Arts

Course Attributes
-

Course Offerings

Subject Area	Catalog Number
OPM	9570

Department(s)
Management

Pre-Requisites / Co-Requisites
Pre or Co Requisite: OPM 9500

Credits

Credit Hours	
Minimum:	Max:
3	3

Contact Hours
Value:
3

Rationale

Please provide the rationale for new course or for any changes?

The recently revised MS in Business Analytics offers students the option to complete a track in Operations and Decision Analytics (ODA). The ODA track requires students to take one graduate course in Operations (OPM 97XX), one graduate course in Decision Analytics (OPM 95XX) that is beyond OPM 9500 (which is already part of the core MS-BA curriculum), and two elective courses.

While the department currently offers several options for students to complete the Operations course (including Operations Management, Project Management, and Supply Chain Management), there is currently only one graduate course in Decision Analytics beyond OPM 9500. We propose this new graduate course, "Healthcare Operations and Decision Analytics", as a timely and relevant option for students to take as part of the ODA track or as a graduate elective.

Healthcare is a sector that accounts for more than 17% of the US GDP, but which has historically lagged behind other sectors of the service industry in the application of sophisticated quantitative models to improve performance. This proposed course offers students an opportunity to apply decision analytics tools to unique problems, and at the same time to learn a bit more about an important industry.

The department plans to offer these course options on a rotating basis starting after the ODA track is available for MS-BA students in 2026.

Although this course can be taken by any Zicklin graduate student, it is tailored to students who are taking or have taken OPM 9500, so it is not expected to draw interest away from the Executive MBA in Healthcare Administration.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - OPM9592 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Special Topics in Decision Analytics

Is this Course Required for a Major?

Yes

Is this Course Part of a Major within your Department?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course focuses on timely and relevant topics in decision modeling and decision analytics 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.

Catalog Data

Start Term

2026 Spring Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Graduate Non-Liberal Arts

Course Attributes

-

Course Offerings

Subject Area

OPM

Catalog Number

9592

Department(s)

Management

Pre-Requisites / Co-Requisites

-

Credits

Credit Hours

Minimum:

1.5

Max:

1.5

Contact Hours

Value:

1.5

Rationale

Please provide the rationale for new course or for any changes?

The recently revised MS in Business Analytics offers students the option to complete a track in Operations and Decision Analytics (ODA). The ODA track requires students to take one graduate course in Operations (OPM 97XX), one graduate course in Decision Analytics (OPM 95XX) that is beyond OPM 9500 (which is already part of the core MS-BA curriculum), and two elective courses.

While the department currently has a special topics course in operations management (MGT 9793, which we propose to retitle OPM 9793), there is no corresponding course in decision analytics that could be used to satisfy the second part of the track requirement. We propose to add a distinct course number for special topics in decision analytics that could be used to satisfy this requirement.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - OPM9593 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Special Topics in Decision Analytics

Is this Course Required for a Major?

Yes

Is this Course Part of a Major within your Department?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course focuses on timely and relevant topics in decision modeling and decision analytics 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.

Catalog Data

Start Term

2026 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Graduate Non-Liberal Arts

Course Attributes

-

Course Offerings

Subject Area

OPM

Catalog Number

9593

Department(s)

Management

Pre-Requisites / Co-Requisites

-

Credits

Credit Hours

Minimum:

3

Max:

3

Contact Hours

Value:

3

Rationale

Please provide the rationale for new course or for any changes?

The recently revised MS in Business Analytics offers students the option to complete a track in Operations and Decision Analytics (ODA). The ODA track requires students to take one graduate course in Operations (OPM 97XX), one graduate course in Decision Analytics (OPM 95XX) that is beyond OPM 9500 (which is already part of the core MS-BA curriculum), and two elective courses.

While the department currently has a special topics course in operations management (MGT 9793, which we propose to retitle OPM 9793), there is no corresponding course in decision analytics that could be used to satisfy the second part of the track requirement. We propose to add a distinct course number for special topics in decision analytics that could be used to satisfy this requirement.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - OPM9715 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Digital Transformation of Supply Chains

Is this Course Required for a Major?

Yes

Is this Course Part of a Major within your Department?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

Artificial Intelligence (AI) is reshaping supply chains, empowering businesses to enhance existing processes, optimize operations, and develop innovative business models. This course explores how companies can harness AI and digital tools to improve efficiency, boost resilience, and maintain a competitive edge in a rapidly evolving landscape. Structured to mirror the typical digital transformation journey of a modern enterprise, the course begins with Module 1, focusing on enhancing existing supply chain processes using AI. It progresses to Module 2, which delves into redesigning processes to unlock new capabilities. Finally, Module 3 explores how businesses leverage AI to create new supply chain capabilities and revenue streams. The course adopts a case-based approach, immersing students in real-world scenarios. Through hands-on analysis and programming exercises, students will gain on-hand experience and practical insights into the impacts of AI on supply chain performance

Catalog Data

Start Term

2026 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

OAA AUR, Baruch College, 2025 / November

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Graduate Non-Liberal Arts

Course Attributes

-

Course Offerings

Subject Area

OPM

Catalog Number

9715

Department(s)

Management

Pre-Requisites / Co-Requisites

-

Credits

Credit Hours

Minimum:

3

Max:

3

Contact Hours

Value:

3

Rationale

Please provide the rationale for new course or for any changes?

Artificial intelligence (AI) and other emerging technologies are changing the way firms do business. This course will focus on how managers can use these tools to transform supply chains in order to stay competitive. In contrast to traditional courses like OPM 9700 (Managing Business Operations) and OPM 9710 (Supply Chain Management), which focus on the principles of designing and managing work, this course focuses primarily on (i) the application of technological tools such as digital twins to enhance and redesign work in a way that drives operational performance and (ii) new operational models that are enabled by technology, such as platforms and marketplaces. Relevant for students following the MS BA Operations and Decision Analytics track or who have electives in their programs.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - STA9715 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Applied Probability

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course provides a comprehensive introduction to applied probability and probability distributions. Students will learn probability with an understanding of its applications in statistical inference. Topics include discrete and continuous random variables and distributions, such as the binomial, negative binomial, Poisson, geometric, uniform, normal, exponential, gamma, beta, chi-square, t, and F. This course thoroughly develops topics as transformation of variables, joint distributions, bivariate normal, expectations, conditional distributions and expectations, moment-generating functions, distribution of sums of random variables, means and variances of sums, ratios of independent variables, and central limit theorem. Students will acquire an excellent background to proceed to statistical inference.

Catalog Data

Start Term

2026 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

OAA AUR, Baruch College, 2025 / November

Requirement Designation
Graduate Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area	Catalog Number
STA	9715

Course Typically Offered
Fall, Spring, Summer

Department(s)
Information Systems and Statistics

Pre-Requisites / Co-Requisites
STA 9708; MTH 3006 (Elements of Calculus II) or MTH 3010 (Calculus II)

Credits

Credit Hours

Minimum:
3

Max:
3

Contact Hours

Value:
3

Rationale

Please provide the rationale for new course or for any changes?
Both MTH 3006 and 3010 are sufficient for the Calculus II pre-requisite.

Learning Goals and Outcome

-

Assessment

-

Special Actions

BAR01 - New Special Actions - BARUCH COLLEGE - WASEDA UNIVERSITY - INTERNATIONAL STUDENT EXCHANGE AUTHORIZATION - Special Actions

General

Institution

Baruch College

Special Actions Title

BARUCH COLLEGE - WASEDA UNIVERSITY - INTERNATIONAL STUDENT EXCHANGE AUTHORIZATION

Does this change require Board of Trustees / Committee on Education Policy approval?

No

Summary

Baruch College of The City University of New York requests that the Chancellor of the City University of New York authorize the College's President to execute an international student exchange agreement on behalf of Baruch College with Waseda University in Tokyo, Japan (the "Agreement"). The Agreement will enable students enrolled in Baruch College's exchange program with Waseda University to study at Waseda University and students at Waseda University to study at Baruch College of the City University of New York on the basis of reciprocal tuition waivers. Neither party to this Agreement is obligated to pay any monetary consideration to the other. The anticipated enrollment pursuant to this Agreement is twelve (12) semester-long exchange students per institution, per academic year (Fall, Spring) or six (6) year-long exchange students, or a combination thereof.

Special Actions Documentation

[Baruch-Waseda University Japan - student exchange authorization 1.27.2025 -- 2069-0128-4099.1.docx](#), [Scanned copy_SEA_Baruch-Waseda_Waseda signed Feb20,2025.pdf](#)

INTERNATIONAL STUDENT EXCHANGE AUTHORIZATION

Baruch College of The City University of New York requests that the Chancellor of the City University of New York authorize the College's President to execute an international student exchange agreement on behalf of Baruch College with Waseda University in Tokyo, Japan (the "Agreement"). The Agreement will enable students enrolled in Baruch College's exchange program with Waseda University to study at Waseda University and students at Waseda University to study at Baruch College of the City University of New York on the basis of reciprocal tuition waivers. Neither party to this Agreement is obligated to pay any monetary consideration to the other. The anticipated enrollment pursuant to this Agreement is twelve (12) semester-long exchange students per institution, per academic year (Fall, Spring) or six (6) year-long exchange students, or a combination thereof.

The term of this Agreement shall be for seven (7) years from seven (7) years from August 1, 2025 to July 31, 2032. The Agreement shall be subject to approval as to form by the Office of Senior Vice Chancellor for Legal Affairs and General Counsel. The terms of the Agreement may be modified or suspended depending upon conditions relating to health and safety concerns.

All CUNY participants will be charged approximately \$25 USD per month for required Japanese National Health Insurance.