

Program

BAR01 - New Program - Academic Program Action - Create

Action Detail

Institution

Baruch College

Action

Creation of a New Minor

Degree Designation

-

Academic Plan

-

Summary

Currently, the Fine and Performing Arts Department offers program tracks in “Graphic Communication,” “Photography,” “Art History,” and “Visual Arts Administration,” all of which—confusingly—fall under the same “Art” liberal arts minor.

This curricular action divides “Graphic Communication” into a separate minor with a distinct, descriptive name.

This change will prevent confusion for students who often misunderstand which capstone they need to take. Further, students minoring in “Graphic Communication” will have a more descriptive degree on their transcripts. Lastly, this change will help the Department to track enrollment in Art History because currently the different program numbers are lumped together under “Art.”

This curricular change is accompanied by the termination of the “Art” minor, which will no longer be needed once separate minors are established.

NYSED Form

-

OAA AUR, Baruch College, 2023 / December

Attachments

[Weissman JAN.FEB AURD action - New Graphic Communication minor.docx](#)

PART A: ACADEMIC MATTERS

The following recommendations of the Committee on Undergraduate Curriculum were approved at the Mildred and George Weissman School of Arts and Sciences Faculty Meeting on November 30, 2023 effective in the Fall 2024 semester, pending approval of the Board of Trustees.

AIII.1.2 New Liberal Arts Minor in Graphic Communication offered by the Fine and Performing Arts Department

From:	To: MINOR in Graphic Communication
No such minor is currently offered.	<p>A minor in Graphic Communications will help students develop the visual communication skills that can be applied to a variety of career paths and, more broadly, are important in many aspects of contemporary life.</p> <p>Program Prerequisite: ART 2050 Basic Graphic Communication</p> <p>Required Capstone Course:</p> <p>ART 4900 Design and Photography in Theory and Practice</p> <p>Electives (choose two): ART 3041 Special Topics in Art (Studio) ART 3050 Intermediate Graphic Communication: Publication Design ART 3055 Corporate Design ART 3056 Typography ART 3057 Principles of Internet Design ART 3058 Design Production (<i>formerly Print Production</i>) ART 3059 Animation and Motion Graphics (cross-listed with NMA 3059) ART 3061 Digital Photography ART 3242 History of Modern Design ART 4055 Corporate Design II</p>

<p>Rationale:</p>	<p>Currently, the Fine and Performing Arts Department offers program tracks in “Graphic Communication,” “Photography,” “Art History,” and “Visual Arts Administration,” all of which—confusingly—fall under the same “Art” liberal arts minor.</p> <p>This curricular action divides “Graphic Communication” into a separate minor with a distinct, descriptive name.</p> <p>This change will prevent confusion for students who often misunderstand which capstone they need to take. Further, students minoring in “Graphic Communication” will have a more descriptive degree on their transcripts. Lastly, this change will help the Department to track enrollment in Art History because currently the different program numbers are lumped together under “Art.”</p> <p>This curricular change is accompanied by the termination of the “Art” minor, which will no longer be needed once separate minors are established.</p>
<p>Effect Outside Department:</p>	<p>None</p>
<p>Date of Weissman School of Arts and Sciences Faculty Approval:</p>	<p>November 30, 2023</p>
<p>Effective Term:</p>	<p>Fall 2024</p>

BAR01 - New Program - Academic Program Action - Create

Action Detail

Institution

Baruch College

Action

Creation of a New Minor

Degree Designation

-

Academic Plan

-

Summary

Currently, the Fine and Performing Arts Department offers program tracks in “Graphic Communication,” “Photography,” “Art History,” and “Visual Arts Administration,” all of which—confusingly – fall under the same “Art” liberal arts minor.

This curricular action divides “Art History,” into a separate minor with a distinct, descriptive name.

This change will prevent confusion for students who often misunderstand which capstone they need to take. Further, students minoring in “Art History” will have a more descriptive degree on their transcripts. Lastly, this change will help the Department to track enrollment in Art History because currently the different program numbers are lumped together under “Art.”

This curricular change is accompanied by the termination of the “Art” minor, which will no longer be needed once separate minors are established.

NYSED Form

-

Attachments

[Weissman JAN.FEB 2024 AURD action - New Art History minor.docx](#)

PART A: ACADEMIC MATTERS

The following recommendations of the Committee on Undergraduate Curriculum were approved at the Mildred and George Weissman School of Arts and Sciences Faculty Meeting on November 30, 2023 effective in the Fall 2024 semester, pending approval of the Board of Trustees.

Section AIII: Changes in Degree Programs

AIII.1.1 New Liberal Arts Minor in Art History offered by the Fine and Performing Arts Department

<p>From:</p> <p>No such minor is currently offered.</p>	<p>To: MINOR in Art History</p> <p>A minor in Art History will help students develop visual vocabulary appropriate for careers in the visual arts, architecture, and visual studies.</p> <p>Program Prerequisites (3 credits):</p> <p>ART 1011 Art History Survey I or ART 1012 Art History Survey II</p> <p>Required Capstone Course</p> <p>FPA 4900 The Arts in New York City (1900-present)</p> <p>Electives (choose two):</p> <p>ART 3040 Special Topics in Art History ART 3205 Greek and Roman Art ART 3210 Medieval Art ART 3220 Islamic Art ART 3225 Renaissance Art ART 3235 Baroque and Rococo Art ART 3240 Nineteenth-Century European Art ART 3241 Twentieth Century Art ART 3242 History of Modern Design</p>
---	---

	<p>ART 3244 The Influence of Visual Art on Film Art of the United States ART 3250 Art of the United States ART 3252 Native Art of the Americas ART 3254 Architecture and the City ART 3256 History of Modern Architecture ART 3260 Asian Art ART 3262 History of Photography ART 3270 African Art ART 3280 The Art Market ART 3282 Museum and Gallery Studies</p>
Rationale:	<p>Currently, the Fine and Performing Arts Department offers program tracks in “Graphic Communication,” “Photography,” “Art History,” and “Visual Arts Administration,” all of which—confusingly – fall under the same “Art” liberal arts minor.</p> <p>This curricular action divides “Art History,” into a separate minor with a distinct, descriptive name.</p> <p>This change will prevent confusion for students who often misunderstand which capstone they need to take. Further, students minoring in “Art History” will have a more descriptive degree on their transcripts. Lastly, this change will help the Department to track enrollment in Art History because currently the different program numbers are lumped together under “Art.”</p> <p>This curricular change is accompanied by the termination of the “Art” minor, which will no longer be needed once separate minors are established.</p>
Effect Outside Department:	None
Date of Weissman School of Arts and Sciences Faculty Approval:	November 30, 2023
Effective Term:	Fall 2024

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

Action Detail

Institution

Baruch College

Action

Changes to the Curriculum

Degree Designation

MS - Master of Science

Summary

The new course CIS 9559 is added to the MS-IS program.

NYSED Form

-

Distance Education Application

-

Attachments

[Change in Program MS Information Systems.docx](#)

Program Details

Official Name of Program

Information Systems

CIP Code

11.0103

HEGIS Code

0701.00

Field of Study (IRP)

79233

AIII:10.11b. The following revisions are proposed for the MS in Information Systems in the Zicklin School of Business

Program: MS in Information Systems

HEGIS Code: 0701.00

Program Code: 79233

Effective: Spring 2025

From: MS in Information Systems			To: MS in Information Systems		
Courses in Specialization (31.5 Credits)			Courses in Specialization (31.5 Credits)		
Course	Description	Crs	Course	Description	Crs
Required (13.5 credits)			Required (13.5 credits)		
BUS 9551	Business Communication I	1.5	BUS 9551	Business Communication I	1.5
CIS 9000	Information Technology Strategy	3	CIS 9000	Information Technology Strategy	3
CIS 9340	Principles of Database Management Systems	3	CIS 9340	Principles of Database Management Systems	3
CIS 9490	Systems Analysis and Design	3	CIS 9490	Systems Analysis and Design	3
CIS 9590	Information Systems Development Project	3	CIS 9590	Information Systems Development Project	3
Electives (12-18 credits)			Electives (12-18 credits)		
Choose 12-18 credits from the list below for the MS-IS degree. If you plan to specialize in one of the concentrations, please ensure that you take the appropriate electives specific to those tracks.			Choose 12-18 credits from the list below for the MS-IS degree. If you plan to specialize in one of the concentrations, please ensure that you take the appropriate electives specific to those tracks.		
CIS 9230	Globalization and Technology	3	CIS 9230	Globalization and Technology	3
CIS 9240	Sustainability and IT	3	CIS 9240	Sustainability and IT	3
CIS 9310	Object-Oriented Programming I	3	CIS 9310	Object-Oriented Programming I	3
CIS 9350	Networks and Telecommunications	3	CIS 9350	Networks and Telecommunications	3

CIS 9355	Cybersecurity	3	CIS 9355	Cybersecurity	3
CIS 9375	Social Technology and Business	3	CIS 9375	Social Technology and Business	3
CIS 9410	Object-Oriented Programming II	3	CIS 9410	Object-Oriented Programming II	3
CIS 9440	Data Warehousing and Analytics	3	CIS 9440	Data Warehousing and Analytics	3
CIS 9444	e-Business Principles and Technologies	3	CIS 9444	e-Business Principles and Technologies	3
CIS 9445	Digital Media Management	3	CIS 9445	Digital Media Management	3
CIS 9467	Business Modeling with Spreadsheets	3	CIS 9467	Business Modeling with Spreadsheets	3
CIS 9480	IT Project Management	3	CIS 9480	IT Project Management	3
CIS 9551	Blockchain Technologies and Applications	3	CIS 9551	Blockchain Technologies and Applications	3
CIS 9555	Principles of FinTech	3	CIS 9555	Principles of FinTech	3
CIS 9556	Risk Management and Information Security	3	CIS 9556	Risk Management and Information Security	3
CIS 9557	Business Analytics	3	CIS 9557	Business Analytics	3
			<u>CIS 9559</u>	<u>Practical AI for Business: Essentials and Responsible Use</u>	<u>3</u>
CIS 9558	Information Technology Audit	3	CIS 9558	Information Technology Audit	3
CIS 9650	Programming for Analytics	3	CIS 9650	Programming for Analytics	3
CIS 9655	Data Visualization	3	CIS 9655	Data Visualization	3
CIS 9660	Data Mining for Business Analytics	3	CIS 9660	Data Mining for Business Analytics	3
CIS 9665	Applied Natural Language Processing	3	CIS 9665	Applied Natural Language Processing	3
CIS 9700	Integrating Information Technology and Business Processes	3	CIS 9700	Integrating Information Technology and Business Processes	3
CIS 9760	Big Data Technologies	3	CIS 9760	Big Data Technologies	3
CIS 9791	Special Topics in Information Technologies	1.5	CIS 9791	Special Topics in Information Technologies	1.5
CIS 9793	Special Topics in Information Technologies	3	CIS 9793	Special Topics in Information Technologies	3

CIS 9795	Special Topics in Information Systems Strategy	1.5	CIS 9795	Special Topics in Information Systems Strategy	1.5
CIS 9797	Special Topics in Information Systems Strategy	3	CIS 9797	Special Topics in Information Systems Strategy	3
CIS 9773	Design Thinking for Usability, Privacy and Security	3	CIS 9773	Design Thinking for Usability, Privacy and Security	3
Business Electives (0-6 credits):			Business Electives (0-6 credits):		
Choose 6 credits of 9000-level courses from the graduate offerings of the Zicklin School of Business, with the exception of courses applied towards a prior master's degree. Students may take up to 3 credits of internship (BUS 9801 – 9803 or BUS 9811- 9813) toward their business electives.			Choose 6 credits of 9000-level courses from the graduate offerings of the Zicklin School of Business, with the exception of courses applied towards a prior master's degree. Students may take up to 3 credits of internship (BUS 9801 – 9803 or BUS 9811- 9813) toward their business electives.		
Concentration in Data Analytics:			Concentration in Data Analytics:		
Students will take all required courses and will take at least 9 credits from the following list of electives. To complete the remaining 6 – 9 elective credits, students will select from the information systems and business electives listed above.			Students will take all required courses and will take at least 9 credits from the following list of electives. To complete the remaining 6 – 9 elective credits, students will select from the information systems and business electives listed above.		
CIS 9660	Data Mining for Business Analytics	3	CIS 9660	Data Mining for Business Analytics	3
CIS 9650	Programming for Analytics	3	CIS 9650	Programming for Analytics	3
CIS 9440	Data Warehousing and Analytics	3	CIS 9440	Data Warehousing and Analytics	3
CIS 9655	Data Visualization	3	CIS 9655	Data Visualization	3
CIS 9665	Applied Natural Language Processing	3	CIS 9665	Applied Natural Language Processing	3
CIS 9760	Big Data Technologies	3	CIS 9760	Big Data Technologies	3
Concentration in Cybersecurity and Information Assurance:			Concentration in Cybersecurity and Information Assurance:		
Students will take all required courses and will take the two required courses for the concentration (6 credits) and one of the electives (3 credits) from the			Students will take all required courses and will take the two required courses for the concentration (6 credits) and one of the electives (3 credits) from the		

list below. To complete the remaining elective credits, students will select from the information systems and business electives listed above.			list below. To complete the remaining elective credits, students will select from the information systems and business electives listed above.		
Required Courses for the Concentration			Required Courses for the Concentration		
CIS 9350	Networks and Telecommunications	3	CIS 9350	Networks and Telecommunications	3
CIS 9355	Cybersecurity	3	CIS 9355	Cybersecurity	3
Concentration Electives (take at least one course)			Concentration Electives (take at least one course)		
CIS 9558 (or)	IT Audit	3	CIS 9558 (or)	IT Audit	3
CIS 9556	Risk Management and Information Security	3	CIS 9556	Risk Management and Information Security	3

Rationale:

The new course CIS 9559 is added to the MS-IS program.

Approved by the Paul H. Chook Department of Information Systems and Statistics, Oct 17, 2023

Last Modified: Oct 10, 2023

Course

BAR01 - Edit Course - BIO1011 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Fundamentals of Biology: Human Biology Lecture

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This is a lecture course that provides an introduction to biological principles of homeostasis and cellular and organ system structure and function, with particular focus on the human organism. Classes are organized into lecture and in-class activities with discussions of articles and areas of current research interest. Grades are based on exams and written assignments related to articles discussed in class. (Not open to students who have completed BIO 1005 or BIO 2010. Students who plan to major in Biological Sciences are advised to take BIO 2010 and BIO 3001.)

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

Yes

College Option

No

Requirement Designation

RLA_FC_ScientificWorld

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

BIO

Catalog Number

1011

Course Typically Offered

Fall, Spring, Summer

Department(s)

Natural Sciences

Pre-Requisites / Co-Requisites

Not open to students who have completed BIO 1005 or BIO 2010.

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

ERRATA: This curriculum change removes the prerequisite and co-requisite from this course and enables students to register without departmental permission. We have removed the Lecture (L) designation from the course number, as differentiating Lecture and Lab with an L is confusing. We have changed the course description to reflect these changes. BIO 1011 is being changed to a 3-hour lecture course; the recitation is being removed.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - BIO1015 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Fundamentals of Biology - Genetics, Evolution, and Ecology

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

Fundamental principles underlying the science of biology are studied to convey an understanding of genetics, evolutionary trends among the kingdoms, and the interaction of organisms with the environment. Topics include: Cell division, Mendelian genetics, evolution by natural selection and genetic drift, diversity of organisms and their classification, plant structure and nutrition, and the ecology of populations, communities, and ecosystems. (Not open to students who have completed BIO 1003 or BIO 3001. Students who plan to major in Biological Sciences are advised to take BIO 2010 and BIO 3001.)

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

Yes

College Option

No

Requirement Designation

RLA_FC_ScientificWorld

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

BIO

Catalog Number

1015

Course Typically Offered

Fall, Spring, Summer

Department(s)

Natural Sciences

Pre-Requisites / Co-Requisites

Not open to students who have completed BIO 1003 or BIO 3001.

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

Rationale: This curriculum change removes the prerequisite and co-requisite from this course and enables students to register without departmental permission. We have removed the Lecture (L) designation from the course number, as differentiating Lecture and Lab with an L is confusing. We have improved the grammar of the course description. BIO 1015 is being changed to a 3-hour lecture course; the recitation is being removed.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - CHM1003 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Fundamentals of Chemistry

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course is an introduction to some of the basic principles of chemistry for students with little or no previous background in chemistry. Topics covered include stoichiometry, electronic structure of atoms, chemical bonding, molecular structure, states of matter, and solutions. (Not open to students who have completed CHM 1000 or CHM 2003. Students who plan to major in Biological Sciences are advised to take CHM 2003.)

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

OAA AUR, Baruch College, 2023 / December

Liberal Arts

Yes

Pathways

Yes

College Option

No

Requirement Designation

RLA_FC_ScientificWorld

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

CHM

Catalog Number

1003

Course Typically Offered

Fall, Spring, Summer

Department(s)

Natural Sciences

Pre-Requisites / Co-Requisites

Not open to students who have completed CHM 1000 or CHM 2003.

Credits

Credit Hours

Minimum	Max
3	3

Contact Hours

Value
3

Rationale

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

ERRATA: This curriculum change removes the prerequisite and co-requisite from this course and enables students to register without departmental permission. We have removed the Lecture (L) designation from the course number, as differentiating Lecture and Lab with an L is confusing. CHM 1003 is being changed to a 3-hour lecture course; the recitation is being removed.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - CIS3400 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Database Management Systems

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course provides students with the background to design, implement, and use database management systems. It introduces the structures, requirements, functions, and evolution of database management systems. After covering conceptual data modeling and the entity relationship data model, the course focuses on the relational data model. Students learn commercial relational database implementations using languages such as Query By Example (QBE) and Structured Query Language (SQL). Concepts including data integrity, security, privacy, transaction processing, and ethical stewardship of data are introduced. Students implement a major database application project.

Catalog Data

Start Term

2024 Fall Term

OAA AUR, Baruch College, 2023 / December

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

CIS

Catalog Number

3400

Course Typically Offered

Fall, Spring, Summer

Department(s)

Information Systems and Statistics

Pre-Requisites / Co-Requisites

Prerequisite: (CIS 2200 & ZICK/ZKTP stdnt grp) OR (STA BA Plan with 45 credits) OR (TechBus&Internet Business Minor & CIS 2200 & BUS 2000 or equivalent) OR [CompSci-BS major & (CIS 2300 or MTH 3300)]

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

The change in course description improves the readability of the description.

The change in prerequisites will permit certain CIS courses as electives for the CS+ Major.

The new major code will be: CSC-BS. See: <https://mfeapp.baruch.cuny.edu/math/csmajor/>

The Pre-requisites are for:

Students admitted to Zicklin: (CIS 2200 & ZICK/ZKTP stdnt grp)

BA in Statistics majors: (STA BA Plan with 45 credits)

Technology, Business and Internet Tier III Minors: (TechBus&Internet Business Minor & CIS 2200 & BUS 2000 or equivalent)

Computer Science Majors: [CompSci-BS major & (CIS 2300 or MTH 3300)]

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - CIS3500 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Computer Networking

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course provides a lab-based introduction to the fundamental principles of computer networks, from network topologies and hardware components, to Ethernet protocols (TCP/IP), switching, routing, wireless, cloud, and wide-area networks, as well as network design and management. Students will be required to work on a network design project that develops a network plan for a company based on an analysis of their business needs. Given this is one of the most dynamic fields in the computer industry, the latest changes and developments are brought to the course as they occur. Note: Students may receive credit for only one of CIS 3500 or CIS 3501 or CIS 4450.

Catalog Data

Start Term

2024 Fall Term

OAA AUR, Baruch College, 2023 / December

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

CIS

Catalog Number

3500

Course Typically Offered

Fall, Spring, Summer

Department(s)

Information Systems and Statistics

Pre-Requisites / Co-Requisites

Prerequisite: (CIS 2200 & ZICK/ZKTP stdnt grp) OR [CompSci-BS major & (CIS 2300 or MTH 3300)]

Credits

Credit Hours	
Minimum	Max
3	3

Contact Hours
Value
3

Rationale

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

The change in prerequisites will permit certain CIS courses as electives for the CS+ Major.

The new major code will be: CSC-BS. See: <https://mfeapp.baruch.cuny.edu/math/csmajor/>

The Pre-requisites are for:

Students admitted to Zicklin: (CIS 2200 & ZICK/ZKTP stdnt grp)

Computer Science Majors: [CompSci-BS major & (CIS 2300 or MTH 3300)]

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - CIS3550 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Cybersecurity

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course provides a managerial perspective on contemporary issues in computer and network security, including an assessment of state-of-the-art approaches used to address security problems and the integration of these approaches with organizational/informational systems audits, computer information systems, and management practices. Upon completing the course, students will have a practical understanding of how to design, implement, and maintain a network security plan that successfully defends a network from malicious or accidental intrusion.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

CIS

Catalog Number

3550

Course Typically Offered

Fall, Spring, Summer

Department(s)

Information Systems and Statistics

Pre-Requisites / Co-Requisites

Prerequisite: (CIS 2200 & ZICK/ZKTP stdnt grp) OR [CompSci-BS major & (CIS 2300 or MTH 3300)]

Credits

Credit Hours

Minimum	Max
3	3

Contact Hours

Value
3

Rationale

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

The change in course description improves the readability of the description.

The change in prerequisites will permit certain CIS courses as electives for the CS+ Major.

The new major code will be: CSC-BS. See: <https://mfeapp.baruch.cuny.edu/math/csmajor/>

The Pre-requisites are for:

Students admitted to Zicklin: (CIS 2200 & ZICK/ZKTP stdnt grp)

Computer Science Majors: [CompSci-BS major & (CIS 2300 or MTH 3300)]

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - CIS3630 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Principles of Web Design

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course deals with the fundamental tools needed to create effective channels to disseminate information through the web. The primary focus is on designing web pages, site navigation, and incorporating multimedia following the basic principles of good web design. Along with examining different design guidelines and coding strategies, this course will explore general issues of web site implementation, building a web presence, and usability evaluation.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

CIS

Catalog Number

3630

Course Typically Offered

Fall, Spring, Summer

Department(s)

Information Systems and Statistics

Pre-Requisites / Co-Requisites

(CIS 2200 & ZICK/ZKTP stdnt grp) OR (TechBus&Internet Business Minor & CIS 2200 & BUS 2000 or equivalent) OR [CompSci-BS major & (CIS 2300 or MTH 3300)]

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

The change in prerequisites will permit certain CIS courses as electives for the CS+ Major.

The new major code will be: CSC-BS. See: <https://mfeapp.baruch.cuny.edu/math/csmajor/>

The Pre-requisites are for:

Students admitted to Zicklin: CIS 2200 & ZICK/ZKTP stdnt grp)

Business minor in Technology, Business and Internet for non-business majors:

(TechBus&Internet Business Minor & CIS 2200 & BUS 2000 or equivalent)

Computer Science Majors: [CompSci-BS major & (CIS 2300 or MTH 3300)]

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - CIS3710 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Foundations of Business Analytics

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course introduces students to concepts, theories, and research in the field of Business Analytics. Students learn how to select and apply various components of Business Analytics to extract meaning and create actionable value from huge amounts of data inundating the corporate world. In addition to learning implementations and applications of descriptive, prescriptive, and predictive analytics the students also gain hands-on experience utilizing visual analytics tools. Students learn how to create dashboards, perform fundamental data mining and develop intelligent systems for decision support.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

CIS

Catalog Number

3710

Course Typically Offered

Fall, Spring, Summer

Department(s)

Information Systems and Statistics

Pre-Requisites / Co-Requisites

CIS 2200

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 was withdrawn in 2021. However, this course is necessary to support the proposed Accounting Analytics track in the Accountancy major. Students in this program will need a course that covers data collection and visualization for descriptive, predictive and prescriptive analytics without the need for coding or extensive experience with a programming language (as is the case with our upper-level CIS analytics electives).

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - CIS9559 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Practical Artificial Intelligence (AI) for Business: Essentials and Responsible Use

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 provides an overview of Artificial Intelligence (AI) concepts to help managers understand the role of AI in Business. The students will examine the evolution of AI and understand the differences among commonly used AI terms (such as Deep Learning and Generative AI) from a managerial perspective. They will use case studies to understand the use of AI applications across various industries. They will learn to use AI tools more effectively using appropriate prompts and evaluate critically the quality of the response produced by these AI systems. The course will also help managers understand the challenges of creating transparent and secure AI systems and strategies for the responsible use of AI in business.

Catalog Data

Start Term

2024 Fall Term

OAA AUR, Baruch College, 2023 / December

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Graduate Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

CIS

Catalog Number

9559

Department(s)

Information Systems and Statistics

Pre-Requisites / Co-Requisites

-

Credits

Credit Hours	
Minimum	Max
3	3

Contact Hours
Value
3

Rationale

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

The use of AI in business has been growing at an explosive pace in the last decade and the introduction of a new class of AI technologies (specifically generative AI) has the potential to transform several industries. The course will help understand the different types of AI, leverage AI appropriately in their business as well as ensure that they use AI responsibly students. It will also provide them with hands-on tools to learn to use AI to improve their productivity ethically and responsibly. The course is expected to enroll about 40-70 students per semester.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - ECO4007 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Market Design

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 addresses the theory and practice of market design. The first part of the course considers auctions: their designs and their use in real-life situations (e.g., financial markets, internet advertising, procurement, eBay). The second part of the course covers markets where monetary transactions are either prohibited or secondary to agents' decisions. Examples of such markets that will be studied are the assignment of students to public schools (as in NYC), the allocation of organs for transplant, or house allocation. The course alternates between theory and real-life applications and case studies.

Catalog Data

Start Term

2024 Fall Term

OAA AUR, Baruch College, 2023 / December

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

ECO

Catalog Number

4007

Department(s)

Economics and Finance

Pre-Requisites / Co-Requisites

ECO 3100

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 is an elective course in economics. The objective is to provide another option to Economics majors and minors, Finance majors and minors, and other students who meet the course prerequisite of ECO 3100. The topic of the course is important: auctions and matching/assignment mechanisms are used in a large number of business and non-business situations, such as internet ads, financial markets, allocation of cell phone licenses, assignments of students to schools, organ allocation for transplant, vaccine prioritization, subsidized housing prioritization, and so on. This course will enable students to understand and know how market mechanisms function and affect society. The course is expected to be offered one semester per year and to have an enrollment of 80 students.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - ENG4430 - Course - New Course

Course Description

Institution

Baruch College

Course Title

History and Theory of the Novel

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 explores the history and development of the English-language novel from its origins as a cultural phenomenon in eighteenth-century England to its modern-day distribution throughout the world. At the same time, the course examines some of the most influential theories that have emerged to explain the genre's inner workings and architecture, its rise, and its endurance. Contextual issues to be considered include the various industrial revolutions, the rise of literacy rates, the ascent of women readers and writers, the rise and fall of empire, and other major historical events that affected the transformation of the novel, from its origins to the present day. Novelists might include Daniel Defoe, Jane Austen, Henry James, Edith Wharton, Charles Chesnutt, F. Scott Fitzgerald, Chinua Achebe, and more recent authors. Theorists are likely to include F.R. Leavis, Ian Watt, Nancy Armstrong, Mary Poovey, Deborah McDowell, and Ramón Saldívar, among others.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

ENG

Catalog Number

4430

Department(s)

English

Pre-Requisites / Co-Requisites

ENG 2150; and ENG/CMP/LTT 2800 or 2850; or departmental permission.

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 represents a major area of research and teaching in literary studies and helps to expand the department's offerings in genre study. ENG 4430 will be offered biennially with a projected enrollment of 25. It will serve as an elective course within the English major (NYSED program codes 01956 and 60009), as an elective or capstone course within the English minor, or as a general elective for the BA, BBA, and BS degrees for new and continuing students.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - ENG4560 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Mixed-Race Literature

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course is an intensive study of some of the major works of American literature focusing on the experiences of mixed-race people. The course may concentrate on literature about black-white biraciality or on literature about a different mixed-race demographic, depending on the instructor. Possible authors include Charles Chesnutt, James Weldon Johnson, Nella Larsen, Jean Toomer, Philip Roth, Danzy Senna, and Barack Obama. Students will receive credit for ENG 4560 or BLS 3064. These courses may not substitute for each other in the F-replacement option.

NOTE: Only ENG 4560 may be used as a capstone course for the English minor or for students' College Option capstone degree requirement.

Catalog Data

Start Term

2024 Fall Term

OAA AUR, Baruch College, 2023 / December

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

BLS 3064

Subject Area

ENG

Catalog Number

4560

Course Typically Offered

Fall, Spring, Summer

Department(s)

English

Pre-Requisites / Co-Requisites

ENG/CMP/LTT 2800 or 2850, or departmental permission.

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 comports with the curricular aims of both the Department of English and the Department of Black and Latino Studies. Since its inception, it has been cross-listed but on an ad hoc basis (usually manually cross-listed in Black and Latino Studies as BLS 3085: Special Topics). This is an attempt to formalize what had already been done in practice.

English is the home department for this course. ENG 4560/BLS 3064 may be used as an elective within the Black and Latino Studies major (NYSED program codes 42215 and 42214); as an elective within the Black Studies and the Black and Latino Studies minors; as an elective within the English major (NYSED program codes 01956 and 60009); as an elective within the English minor, or as a general elective for the BA, BBA, and BS degrees for new and continuing students. Please note, only ENG 4560 may be used as a capstone course for the English minor or for students' College Option capstone degree requirement.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - ENT9962 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Exploring the Family Firm

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

Worldwide, family firms predominate. This course offers students an opportunity to explore and understand all aspects of a family firm including current conceptualizations and theories, research methodologies, and family and business dynamics. Best practices will be discussed, as well as ways to establish governance structures for business continuity and growth. Students will understand the family system, the firm ownership structure, and how both interface with the business system.

Students will also have an opportunity to study a family firm and provide strategic recommendations for the family and the firm. Students who are involved in their own family firm, or work for one, or wish to become a consultant or investor, and/or would like to have their own business someday, will benefit from this course.

Catalog Data

Start Term

2024 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

ENT

Catalog Number

9962

Course Typically Offered

Fall, Spring, Summer

Department(s)

-

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 entrepreneurship course was previously offered by the Department of Management. It will now be offered by the Department of Entrepreneurship and Innovation. All courses offered by this new department have been designated with an “ENT” prefix (to replace the “MGT” prefix). The prerequisite of MGT 9960 has been removed as the revised course has been updated to include relevant topics from MGT 9960. Updates to the title, course description and content have also been made to make the course more relevant to graduate students.

Approved by the Department of Entrepreneurship and Innovation on August 25, 2023.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - ENT9967 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Innovation, Design and New Venture Creation

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course will provide an experiential framework for launching innovative, high-potential products and services for both entrepreneurs and intrapreneurs. Leveraging both Design Thinking and Lean Startup methodologies, students will learn how to identify and design scalable products and services, gain familiarity with the start-up process, and investigate how to validate emerging business opportunities. Key concepts such as problem identification, design ideation, prototyping, and co-creation will help students focus on, and refine product-market fit.

Readings, assignments, and in-class exercises will be used to illustrate key principles, stimulate discussion, and foster the creative thinking necessary for innovation. Additional topics such as fundraising, investor pitches, legal matters, and success-factors for technology ventures will also be discussed.

Catalog Data

OAA AUR, Baruch College, 2023 / December

Start Term

2024 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

ENT

Catalog Number

9967

Course Typically Offered

Fall, Spring, Summer

Department(s)

-

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 entrepreneurship course was previously offered by the Department of Management. It will now be offered by the new Department of Entrepreneurship and Innovation. All courses offered from this new department have been designated with an “ENT” prefix (to replace the “MGT” prefix). Updates to the title, course description, and content have also been made to make the course more relevant to graduate students. Specifically, the course has been refined to focus on Design Thinking and Lean Startup principles.

Approved by the Department of Entrepreneurship and Innovation on August 25, 2023.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - ENT9973 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Creative Strategies for Innovation

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This class will provide a set of advanced insights into the theories and applications of creativity and innovation in business and entrepreneurial environments. The focus is to develop students' understanding of current management tools and frameworks to more strategically discover ideas, and to turn them into successful opportunities in start-ups and organizations. By using a multidisciplinary approach, this course emphasizes experiential learning and applies a business perspective on the generation and implementation of creativity and innovation. Students may also have the opportunity to work with an external agency on a real-world problem.

Catalog Data

Start Term

2024 Fall Term

OAA AUR, Baruch College, 2023 / December

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

ENT

Catalog Number

9973

Course Typically Offered

Fall, Spring, Summer

Department(s)

-

Pre-Requisites / Co-Requisites

-

Credits

Credit Hours

Minimum	Max
3	3

Contact Hours

Value
3

Rationale

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

This entrepreneurship course was previously offered by the Department of Management. It will now be offered by the new Department of Entrepreneurship and Innovation. All courses offered by this new department have been designated with an “ENT” prefix (to replace the “MGT” prefix). Updates to the title, course description, and content have also been made to make the course more relevant to graduate students. Specifically, the course has been refined to focus on developing students’ ability to strategically think and act upon creativity and innovation in a variety of environments.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - ENT9994 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Special Topics in Entrepreneurship and Innovation

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 entrepreneurship and innovation that are not covered in the regular curriculum. The areas of study are determined each semester by the instructor offering the course. Students may take any Special Topics in Entrepreneurship and Innovation course more than once provided that different topics are covered.

Catalog Data

Start Term

2024 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

ENT

Catalog Number

9994

Course Typically Offered

Fall, Spring, Summer

Department(s)

-

Pre-Requisites / Co-Requisites

-

Credits

Credit Hours

Minimum	Max
3	3

Contact Hours

Value
3

Rationale

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

This entrepreneurship course was previously offered by the Department of Management. It will now be offered by the new Department of Entrepreneurship and Innovation. All courses offered by this new department have been designated with an “ENT” prefix (to replace the “MGT” prefix)

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - ENV1003 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Fundamentals of Ecology

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

Fundamentals of Ecology explores ecological characteristics and ecosystem processes through an evolutionary context. The course will demonstrate the interdisciplinary nature of the field of ecology by highlighting its significance to current environmental issues and the interconnectedness of the environment around us. (Not open to students who have taken ENV 1020.)

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

OAA AUR, Baruch College, 2023 / December

Liberal Arts

Yes

Pathways

Yes

College Option

No

Requirement Designation

RLA_FC_ScientificWorld

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

ENV

Catalog Number

1003

Course Typically Offered

Fall, Spring, Summer

Department(s)

Natural Sciences

Pre-Requisites / Co-Requisites

Not open to students who have completed ENV 1020.

Credits

Credit Hours

Minimum	Max
3	3

Contact Hours

Value
3

Rationale

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

ERRATA: This curriculum change removes the prerequisite and co-requisite from this course and enables students to register without departmental permission. We have removed the Lecture (L) designation from the course number, as differentiating Lecture and Lab with an L is confusing. ENV 1003 is being changed to a 3-hour lecture course; the recitation is being removed.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - ENV1003H - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Honors Fundamentals of Ecology

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

Fundamentals of Ecology explores ecological characteristics and ecosystem processes through an evolutionary context. The course will demonstrate the interdisciplinary nature of the field of ecology by highlighting its significance to current environmental issues and the interconnectedness of the environment around us. (Not open to students who have taken ENV 1020.)

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

HON - HON (Campus Honors)

Course Offerings

Cross Listed Courses

-

Subject Area

ENV

Catalog Number

1003H

Course Typically Offered

Fall, Spring, Summer

Department(s)

Natural Sciences

Pre-Requisites / Co-Requisites

3.5 GPA, or 3.3 GPA with Honors Department Permission, or MHC, PROV or BSCH Honors Student Groups. Not open to students who have completed ENV 1020.

Credits

Credit Hours

Minimum	Max
3	3

Contact Hours

Value
3

Rationale

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

ERRATA: This curriculum change removes the prerequisite and co-requisite from this course and enables students to register without departmental permission. ENV 1003H is being changed to a 3-hour lecture course; the recitation is being removed.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - HIS3570 - Course - New Course

Course Description

Institution

Baruch College

Course Title

LGBTQ+ U.S. History

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 examines the social, cultural, and political history of LGBT people in the United States, focused largely on the 20th and 21st centuries. We will consider the development and evolution of Lesbian, Gay, Bisexual, Transgender, and other queer identities over time, and consider how LGBT people shaped and were shaped by American history. Topics include but are not limited to: the development of queer identity in the Jazz Age, the Cold War's targeting of homosexuals through the "Lavender Scare," the expansion of sexual and gender identity in the 1960s, conflicts about sexuality in the feminist and Civil Rights Movements, the impact of AIDS, the Supreme Court's role in criminalizing and normalizing LGBT life, and the diversity of thought among LGBT people past and present. Students will receive credit for only one of the following courses: HIS 3570; BLS 3570; LTS 3570; or WSM 3570. These courses may substitute for each other in the F-replacement option.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

BLS 3570, WSM 3570, LTS 3570

Subject Area

HIS

Catalog Number

3570

Department(s)

History

Pre-Requisites / Co-Requisites

HIS 1001, 1003, 1005 or instructor permission

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

This elective offers a compelling thematic lens on U.S. History. It also contains material that could satisfy requirements for the Women’s and Gender Studies, and the Black and Latino Studies programs.

The course addresses student demand in multiple fields including the history of the U.S and Gender and Women’s Studies. In addition, it will complement course offerings in the following departments: English, Black and Latino Studies, Political Science, and Sociology and Anthropology. The course has already been offered once as a special topics course and fully enrolled. We anticipate full enrollment in the future.

History is the home department for this course. HIS/BLS/LTS/WSM 3570 will be offered once every two years with a projected enrollment of 40 students. It may be used as an “United States” elective within the History major (NYSED program codes 01972 and 60012); as an elective within the History minor; as an elective within the Black and Latino Studies major (NYSED program codes 42215 and 42214); as an elective within the Black Studies, Latino Studies, and Black and Latino Studies minors; as an elective within the Women’s and Gender Studies minor; or as a general elective for the BA, BBA, and BS degrees for new and continuing students.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - IBS9769 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Developing a Global Mindset

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

Companies of all kinds and sizes are expanding their horizons from local to global markets and resources, and the playing field in a growing number of industries is becoming global. Adequately confronting the challenges of this reality and taking advantage of its opportunities requires special attitudes and perspectives -- in short, a global mindset. The purpose of this course is to assist students in developing this mindset and the associated capabilities to create value via global activity. A combination of exercises, case studies, readings and class discussions will enable students to gain an understanding of the managerial tasks confronting the global manager in a protected classroom environment.

Catalog Data

Start Term

2024 Fall Term

OAA AUR, Baruch College, 2023 / December

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

IBS

Catalog Number

9769

Course Typically Offered

Fall, Spring, Summer

Department(s)

Marketing and International Business

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?

In the process of revising the MBA curriculum, the Zicklin Graduate Programs added the course IBS 9769 "Developing a Global Mindset" as one of the four flexible core courses. After careful review of course contents, it is concluded that there is no need for any prerequisite since other courses will cover international business issues across the MBA curriculum.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - IBS9800 - Course - New Course

Course Description

Institution

Baruch College

Course Title

The Multinational Enterprise and Global Markets

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

The course introduces future managers to how international factors influence modern business decision-making and seeks to provide them with the requisite problem-solving skills to function in the global environment. The overarching goal of the course is to provide students with a broad overview of concepts, principles, and tools to manage business in global markets. Specifically, the course will emphasize:

- Globalization
- Cultural and government influences
- International trade and investment theory
- Importing/exporting
- International entrepreneurship
- Global finance and currency movements
- Entry modes to global markets

Catalog Data

OAA AUR, Baruch College, 2023 / December

Start Term

2024 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

IBS

Catalog Number

9800

Department(s)

Marketing and International Business

Pre-Requisites / Co-Requisites

Open to MBA and MS students only

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

The course will replace IBS 9600 (Introduction to International Business) in the list of courses for the MBA and M.S. in Marketing Programs.

The course is offered to MBA and M.S. students. Upon completion of the course students will be able to:

1. identify, describe, and explain relevant global business factors (economic, political, and social) and apply them to solve business problems and spot-related opportunities.
2. analyze and interpret how global business factors and currency movements influence a firm's foreign investment and trade behaviors.
3. recognize, understand, and illustrate how the relevant global business factors affect specific management actions, ethical behaviors, and strategies within a particular country's business environment.
4. recognize sensitive ethical issues when they analyze cross-cultural business cases and develop solutions that uphold ethical principles.

The course is expected to be offered every fall and spring. Estimated enrollment is 75 students annually (all admitted M.S. in Marketing/IB Concentration students as a required course and MBA students as an elective).

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - IDC4000 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Special Topics Capstone in the Liberal Arts

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 Special Topics Capstone offers advanced approaches to themes across the humanities, social sciences, and/or STEM fields. While course topics vary by instructor, students will practice interdisciplinary and discipline-specific analysis, communication, and research methods. Coursework includes intersectional approaches to the liberal arts that foster complex, creative, and critical thinking about relevant academic, social, and/or global topics. Students may develop archival research skills; explore literary, historical, political, economic, or cultural theory; do advanced scientific analysis; develop advanced literacy in media, performance, or communication studies; or explore data, statistical, and other forms of analysis using qualitative and quantitative approaches to problem solving. Students will produce a project that is appropriate to capstone-level expectations and reflects the course topic. This course can be repeated if the topic is different. To fulfill the College Option liberal arts capstone requirement, this course must be completed at Baruch.

Catalog Data

OAA AUR, Baruch College, 2023 / December

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

IDC

Catalog Number

4000

Department(s)

History

Pre-Requisites / Co-Requisites

ENG/CMP/LTT 2800 or 2850

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

IDC 4000 will be offered every semester with a projected enrollment of 25 students. This course fulfills the 4000-level communication-intensive capstone course requirement for students with the AA, AAS, or AS degrees who need to complete six college option credits, including the liberal arts capstone. Currently, many liberal arts capstones have two 3000-level courses in the same discipline as pre-requisites. This course eliminates those requirements, thus providing students with more curricular choice and facilitating their progress to completing their undergraduate degree in a timely fashion. Further, the course provides students the opportunity to explore a broader range of Weissman disciplines at a high level, increasing access to in-depth, inter-disciplinary knowledge and practice in the liberal arts. Finally, the course provides the opportunity for pedagogical exploration, expanding faculty reach and creativity in their teaching and research.

The course can be offered in a range of modes depending on topic, fulfilling the College Option capstone requirement for fully online BA-Psych, BSPA, and other undergraduate programs, as well as for undergraduate students enrolled in traditional programs. It may also serve as a general elective for the BA, BBA, and BS degrees for new and continuing students.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - MGT9301 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Leading and Managing People

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course will help you recognize the key factors that contribute to effectiveness within an organization, and the role you can play in helping your organizations be successful. You will develop skills to analyze and navigate your current and future organizational lives. It is based on the premise that effective leadership requires an in-depth understanding of how organizations work, and an in- depth understanding of how to work with and through other people. Topics include motivation, decision-making, leading teams, managing change, influencing organizational culture, and fostering ethical and inclusive leadership.

Catalog Data

Start Term

2024 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

MGT

Catalog Number

9301

Course Typically Offered

Fall, Spring, Summer

Department(s)

Management

Pre-Requisites / Co-Requisites

-

Credits

Credit Hours

Minimum	Max
3	3

Contact Hours

Value
3

Rationale

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

The change in title reflects a change in framing of the course content to both a leadership and managerial perspective. The change in course description is meant to be more descriptive and reflects the current pedagogical approaches utilized in the course.

This course revision was approved by the Loomba Department of Management Curriculum Committee on August 16, 2023. It received minor edits on September 22, 2023 on which the Committee signed off.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - MTH2001 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Pre-Calculus

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course introduces the student to techniques of algebra, trigonometry, and other topics necessary for the study of calculus as well as quantitative courses in allied disciplines. Topics to be covered include advanced topics in algebra, analytic geometry of straight lines and conic sections, analytic trigonometry, exponential and logarithmic functions, and theory of algebraic equations. Not open to students who have completed MTH 2000, 2002T, 2003, 2004, 2005, 2009, 2009T, 2010, 2205, 2206, 2207, 2600, 2610, 2011, 2630, or any mathematics course at the 3000 level or above.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

Yes

Regular

No

Liberal Arts

Yes

Pathways

Yes

College Option

No

Requirement Designation

CLA_RC_Mathtcl&QuantveReasng

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

MTH

Catalog Number

2001

Course Typically Offered

Fall, Spring, Summer

Department(s)

Mathematics

Pre-Requisites / Co-Requisites

MTH 1030; or placement into MTH 2001, MTH 2003, or MTH 2009; or departmental permission.

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

4

Rationale

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

Course prerequisites and anti-requisites are being updated to reflect recent curriculum updates in the courses offered by the Department of Mathematics This update will ensure the correct prerequisites for MTH 2001 will be delineated on CUNYFirst.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - MTH3210 - Course - New Course

Course Description

Institution

Baruch College

Course Title

A First Course in Linear Algebra

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 provides an introduction to matrix methods and linear algebra for Euclidean spaces, with particular focus on two-dimensional and three-dimensional Euclidean spaces. Topics include matrices, systems of linear equations, determinants, Gaussian elimination, vector spaces, linear independence and bases, linear transformations, orthogonality, eigenvalues, eigenvectors, and singular value decomposition. The course examines selected applications. Not open to students who are enrolled in or have completed MTH 4100.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

MTH

Catalog Number

3210

Department(s)

Mathematics

Pre-Requisites / Co-Requisites

MTH 2205, MTH 2206, MTH 2207, MTH 2600, MTH 2610, or MTH 2630

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 is intended to serve as a more computational introduction to topics in linear algebra than provided in MTH 4100. The course will focus primarily on linear algebra and matrix applications in Euclidean spaces with an eye toward applications in statistics, mathematical finance, and computer science. Additionally, this course will cover the introductory material from MTH 4100 to allow for more time to be spent covering the more advanced and conceptual concepts included in MTH 4100.

MTH 3210 will be offered every semester with a projected enrollment of 20-35 students. The Zicklin School of Business will add MTH 3210 as a required course for the data science concentration in the Statistics and Quantitative Reasoning BBA major. MTH 3210 may be used as an elective for the mathematics minor, or as a general elective for the BA, BBA, and BS degrees for new and continuing students.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - MTH4335 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Introduction to Natural Language Processing

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

Recent developments in large language models, such as ChatGPT, have revolutionized how our society accommodates machine-based reasoning and analysis of text data, which is a prevalent form of unstructured data. This course will examine the ideas behind the implementation of these models. Topics include: basic techniques in text representation such as tokenization, tagging, chunking, co-occurrence and tf-idf; software for text analytics; sentiment analysis, categorization, and visualization of text data; basics of neural networks; word vectors and algorithms of word2vec and GloVe; the family of recurrent neural networks; attention and transformers; natural language generation.

Catalog Data

Start Term

2024 Fall Term

OAA AUR, Baruch College, 2023 / December

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

MTH

Catalog Number

4335

Department(s)

Mathematics

Pre-Requisites / Co-Requisites

MTH 4330

Credits

Credit Hours

Minimum

4

Max

4

Contact Hours

Value

4

Rationale

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

Recent developments in large language models, such as ChatGPT, are expected to revolutionize how our society accommodates machine-based reasoning and analysis of text data, which is a prevalent form of unstructured data. This course follows the chronological trajectory of these developments, providing a high-level overview of major ideas and breakthroughs. Another focus is on the use of established software so that students get access to both foundational understanding and off-the-shelf skills. The knowledge from this course is a prerequisite for students wishing to pursue career paths that have quantitative aspects.

MTH 4335 will be offered once per year with a projected enrollment of 25 students. It may be used as an elective within the Computer Science major (NYSED program codes 42406 and 42410), as a capstone within the Computer Science minor, as an elective within the Mathematics major (NYSED program codes 01961 and 60019), or as a general elective for the BA, BBA, and BS degrees for new and continuing students.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - MTH4350 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Computer Architecture

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

In this course, one becomes familiar with main components of modern computer systems and learns to design efficient systems. Topics include Boolean circuits, the ALU, RISC, Instruction Set Architecture, arithmetic for computers, pipelining, the memory hierarchy, caching, address translation, memory protection, virtual memory, I/O, interrupts, branch prediction, dynamic scheduling, Tomasulo's algorithm, parallel computing, vector processors, and multicores.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

MTH

Catalog Number

4350

Course Typically Offered

Fall, Spring, Summer

Department(s)

Mathematics

Pre-Requisites / Co-Requisites

MTH 3300 or CIS 2300 or CIS 3100 or CIS 4100; and one of the following calculus courses: MTH 2006, MTH 2007, MTH 2107, 2201, 2205, 2206, 2207, 2010, 2600, 2610, 2610H, 2630, 2630H) or departmental permission.

Credits

Credit Hours

Minimum

4

Max

4

Contact Hours

Value

4

Rationale

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

This change was made to ensure that students taking MTH 4350 have adequate background for the quantitative topics in the course.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - NEW SUBJECT2001 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Professional Development for Business Co-op

Is this Course Required for a Major?

No

Is this Course Part of a Major within your Department?

No

Is this course an experimental course?

No

Course Details

Catalog Description

Professional Development for Business Co-op prepares students for the transition to the professional work environment. Students learn the skills needed for career success and their future career paths. Through activities like mock interviews, students will be challenged to develop the skills needed to conduct a successful job search, develop the “soft skills” they will need to perform effectively, and learn to reflect and build upon knowledge they develop both in the classroom and throughout their careers. This course is encouraged for students Majoring in Accounting Analytics and is open to all students majoring in Zicklin, as an elective. Students accepted into this course would be expected to work at a co-op experience full-time in the following semester. (The grade received in this course does not count toward the determination of the major GPA.) Graded on a pass/fail basis.

Students who received credit for BUS 5000 in Fall 2023 and Spring 2024 will not receive credit for COOP 2001.

Catalog Data

Start Term

2024 Spring Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

NEW SUBJECT

Catalog Number

2001

Department(s)

Accountancy

Pre-Requisites / Co-Requisites

ZICK student group and departmental permission

Credits

Credit Hours	
Minimum	Max
1	1

Contact Hours
Value
1

Rationale

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

An increasing number of employers seek specific skills such as problem-solving and teamwork in new college graduates (National Association of Colleges and Employers Job Outlook Report, 2023). The purpose of cooperative education (co-op) is to ensure that students develop the necessary knowledge, skills, and abilities to be successful in their chosen career path. Co-ops are intended to be full-time employment over the course of a semester. Professional Development for Business Co-op prepares students for their transition to the professional work environment, discusses skills needed for their future career success, and encourages students to reflect upon these activities and the impact of classroom learning on their future career paths and outcomes. More specifically, students will have the opportunity to develop the skills needed to conduct a successful job search, develop the “soft skills” they will need to perform effectively on the job, and learn to reflect and build upon knowledge they develop in the classroom and see how to deploy this knowledge and become career-oriented, life-long, self-directed learners.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - NEW SUBJECT2002 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Co-op Experience for Accounting Analytics Majors

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

Students will work full-time, totaling 35-40 hours a week for 4-6 months in a private/public sector job related to their degree program. Students will complete mid-point and end-of-term self-reflection assignments. The grade received in this course does not count toward the determination of the major GPA. Graded on a pass/fail basis.

Catalog Data

Start Term

2024 Spring Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

NEW SUBJECT

Catalog Number

2002

Department(s)

Accountancy

Pre-Requisites / Co-Requisites

COOP 2001, ZICK student group, and Departmental Permission. Only open to Accounting majors with Accounting Analytics Track.

Credits

Credit Hours

Minimum

0

Max

0

Contact Hours

Value

-

Rationale

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

The purpose of cooperative education (co-op) is to ensure that students develop the necessary knowledge, skills, and abilities to be successful in their chosen career path. Similar to an internship, but more extensive, a co-op allows students develop real world skills and knowledge, and to make informed educational and career decisions. An increasing number of employers seek specific skills such as problem-solving and teamwork in new college graduates (National Association of Colleges and Employers Job Outlook Report, 2023). Unlike most internships, co-ops provide full-time employment over the course of a semester. Students do not usually take classes during the co-op period so that they can focus exclusively on gaining work experience and competencies.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - NEW SUBJECT2003 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Co-op Experience for Non-Accounting Analytics Majors

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

Students will work full-time, totaling 35-40 hours a week for 4-6 months in the private/public sector job related to their degree program. Students will complete mid-point and end-of-term self-reflection assignments. The grade received in this course does not count toward the determination of the major GPA. Graded on a pass/fail basis.

Catalog Data

Start Term

2024 Spring Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

NEW SUBJECT

Catalog Number

2003

Department(s)

Zicklin School of Business

Pre-Requisites / Co-Requisites

Prerequisite: COOP 2001, ZICK student group, and Departmental Permission. Not open to Accounting majors with Accounting Analytics Track.

Credits

Credit Hours

Minimum

0

Max

0

Contact Hours

Value

-

Rationale

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

The purpose of cooperative education (co-op) is to ensure that students develop the necessary knowledge, skills, and abilities to be successful in their chosen career path. Similar to an internship, but more extensive, a co-op allows students to develop real world skills and knowledge, and make informed educational and career decisions. An increasing number of employers seek specific skills such as problem-solving and teamwork in new college graduates (National Association of Colleges and Employers Job Outlook Report, 2023). Unlike most internships, co-ops provide full-time employment over the course of a semester. Students do not usually take classes during the co-op period so that they can focus exclusively on gaining work experience and competencies.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - PHI3070 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Language and Mind

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

Language, a distinctive and remarkable human endowment, is philosophically fascinating. This course addresses such questions as how meanings get expressed in language, how our linguistic abilities work, and how we come to acquire such abilities.

Students will be introduced to foundational topics in the philosophy of language and become acquainted with the works of significant theorists such as Frege, Wittgenstein, Kripke, Grice, and Chomsky. Students will also engage with contemporary issues in linguistic theory, including the semantic/pragmatics border, the theoretical implications of large language models like ChatGPT, and the social impact of essentialist language.

Catalog Data

Start Term

2024 Fall Term

OAA AUR, Baruch College, 2023 / December

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

PHI

Catalog Number

3070

Department(s)

Philosophy

Pre-Requisites / Co-Requisites

Any philosophy course

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 fills an important gap in the curricular offerings of the Department of Philosophy. The philosophy of language is an active and vibrant subfield within analytic philosophy, and current technological developments (such as AI, which includes large language models like ChatGPT) have made the workings of language ever more relevant to our everyday lives. Currently, philosophy majors and minors at Baruch are insufficiently exposed to key debates in the analytic philosophy of language and have limited opportunities to engage with historically significant theorists like Gottlob Frege, Bertrand Russell, Ludwig Wittgenstein, and Noam Chomsky. The lack of a dedicated philosophy of language course makes it difficult for students to acquire the theoretical frameworks needed to engage with contemporary linguistic debates, including those related to emerging technologies. This course will provide students with the opportunity to broaden their philosophical foundations and engage with debates and issues that have hitherto been largely inaccessible to them.

PHI 3070 will be offered once per year with a projected enrollment of 40 students. It may be used as an elective within the Philosophy major (NYSED program codes 01957 and 60021); as an elective within the Philosophy minor; or as a general elective for the BA, BBA, and BS degrees for new and continuing students.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - PHY3004 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Physics on the Computer with Python

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This calculus-based course is an introduction into classical and modern physics. The topics include Newtonian mechanics and gravitation as well as statistical physics of stochastic processes. In the laboratory students will create and run computer simulations using the programming language python to model and test physical phenomena discussed in lecture.

This course is not open to students who have completed PHY 3010.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

PHY

Catalog Number

3004

Course Typically Offered

Fall, Spring, Summer

Department(s)

Natural Sciences

Pre-Requisites / Co-Requisites

MTH 2610 or more advanced calculus course (MTH 2630; MTH 3006; MTH 3007; MTH 3010; MTH 3020; MTH 3030; MTH 3035; or MTH 3050).

Not open to students who have completed PHY 3010.

Credits

Credit Hours

Minimum

4

Max

4

Contact Hours

Value

6

Rationale

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

PHY 3004 is a calculus-based computational physics course whose lecture material has significant overlap with PHY 3010, albeit with an emphasis on computational methods. There is far less overlap in lecture material with PHY 2003, which is a non-calculus based general physics course. In addition, topics such as quantum mechanics and statistical physics are discussed in some depth in PHY 3004, but only mentioned in PHY 2003. The laboratory component of PHY 3004 has no overlap with either PHY 3010 or PHY 2003. Students who have completed PHY 2003 should, therefore, be able to enroll in PHY 3004, which can also be used for students interested in completing either a minor in Physics or an ad hoc major that includes Physics.

Learning Goals and Outcome

-

Assessment

-

BAR01 - New Course - POL3363 - Course - New Course

Course Description

Institution

Baruch College

Course Title

Chinese Politics

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 students to Chinese domestic politics. It covers the history of Chinese domestic politics from 1911 to the present and the evolution of the Chinese Communist Party. It also covers the Chinese Communist Party's relationship with the market and society. Students will receive credit for POL 3363 or AAS 3363. These courses may substitute for each other in the F-replacement option.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

Yes

Pathways

No

College Option

No

Requirement Designation

Regular Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

AAS 3363

Subject Area

POL

Catalog Number

3363

Department(s)

Political Science

Pre-Requisites / Co-Requisites

One course in political science

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

This new course on Chinese domestic politics is an important addition to the current curriculum in the Political Science Department. Understanding the logic of China's political system has become increasingly imperative. With the rise of China, many Chinese domestic events also have international consequences. Studying Chinese domestic politics is also intellectually fun; China has been a puzzling case for many political science and economics theories.

This course aims to advance the understanding of Chinese domestic politics from both practical and theoretical perspectives. This course will also fit with Baruch students' interests. Many students at Baruch major in business, and China's market size, trade volume, role in the global supply chain, and increasing overseas economic activities make it important for them to understand China. Baruch students will benefit from learning not only about the Chinese economy but also Chinese politics.

POL/AAS 3363 will be offered once per year with a projected enrollment of 35 students. It may serve as a Comparative Politics course within the Political Science major (NYSED program codes 01973 and 60022); as an elective within the Political Science minor, as an elective within the Asian and Asian American Studies minor; or as a general elective for the BA, BBA, and BS degrees for new and continuing students.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - RES3100 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Real Estate Principles

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course is intended to provide a broad overview of both theory and practice in real estate markets. In order to meet this aim, real estate and property markets in general will be analyzed from a variety of different perspectives. The emphasis in the course will be on mortgage finance, investment valuation, land use, real estate capital markets, and brokerage. In addition to regular lectures, members of the real estate community will speak to the class about their experience and expertise.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

RES

Catalog Number

3100

Course Typically Offered

Fall, Spring, Summer

Department(s)

Real Estate

Pre-Requisites / Co-Requisites

Pre/Corequisite: (BUS 1000 or 1001 or 1011 or 2000 and completion of 30 credits or more) or admission to Zicklin School of Business

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

We would like to allow students, including non-Zicklin majors, to start taking real estate courses early on.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - RES3200 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Real Estate Finance and Investment

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course offers students a thorough orientation in the fields of real estate investment and finance. It covers the basics of the real estate investment analysis, mortgage concepts, and the financing of residential and commercial properties. The topics include an overview of the major types of valuation models and approaches that are used for analyzing the chief categories of real properties. Alternative types of mortgages will be discussed. The course emphasizes and clarifies the many ways in which financing and investments in real assets are similar to --and yet different from--financial assets.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

RES

Catalog Number

3200

Course Typically Offered

Fall, Spring, Summer

Department(s)

Real Estate

Pre-Requisites / Co-Requisites

Prerequisite: (FIN 3000 and ZICK/ZKTP Student Group) or RES 3100

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

We would like to allow non-Zicklin majors who have completed RES 3100 the ability to take RES 3200. RES 3100 is sufficient as a prerequisite because it covers bond calculations, which is material needed for RES 3200.

Learning Goals and Outcome

-

Assessment

-

BAR01 - Edit Course - STA4157 - Course - Change Course Data

Course Description

Institution

Baruch College

Course Title

Experimental Design for Machine Learning

Is this Course Required for a Major?

Yes

Is this course an experimental course?

No

Course Details

Catalog Description

This course is designed to provide students with an understanding of the principles, methods, and practice of designing and analyzing experiments (A/B testing) to explore causality. The course will cover topics such as finding reference distribution, principles of designs, factorial designs, blocking and randomization. Students will be exposed to practical applications of experimental design using real-world datasets, the course will equip them with tools they can leverage to make decisions in real-world settings.

Catalog Data

Start Term

2024 Fall Term

Remedial

No

Developmental

No

Compensatory

No

Regular

Yes

Liberal Arts

No

Pathways

No

College Option

No

Requirement Designation

Regular Non-Liberal Arts

Course Attributes

-

Course Offerings

Cross Listed Courses

-

Subject Area

STA

Catalog Number

4157

Course Typically Offered

Fall, Spring, Summer

Department(s)

Information Systems and Statistics

Pre-Requisites / Co-Requisites

STA 4155 and [Official STA-BA or (ZICK/ZKTP Student Group and ZK4L/ZK4P stdnt grp: details here, <https://bit.ly/4000-level-bus-courses>)]

Credits

Credit Hours

Minimum

3

Max

3

Contact Hours

Value

3

Rationale

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

The new course title reflects terminology now in use. The prerequisite change is made because STA 3155 has been replaced by STA 4155. The course description is being updated to meet the evolving role of data scientists.

Learning Goals and Outcome

-

Assessment

-

Special Actions

BAR01 - New Special Actions - Create New Subject Area, Discipline, And Course Prefix - Special Actions

General

Institution

Baruch College

Special Actions Title

Create New Subject Area, Discipline, and Course Prefix

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

No

Summary

Zicklin School of Business proposes to create a new (Co-op - Cooperative Education) subject area, discipline, and course prefix (COOP) for Cooperative Education courses, effective Spring 2024, along with three new courses in the COOP subject area: COOP 2001, 2002, 2003.

Special Actions Documentation

[2023_09_ZSB UCC AURD_AIV.1.1.docx](#), [2023_09_ZSB UCC AURD_AIV.1.2.docx](#), [2023_09_ZSB UCC AURD_AIV.1.3.docx](#), [2023_09_ZSB UCC AURD_AIV.1.4.docx](#)

