#### **DEPARTMENT OF ECONOMICS AND BUSINESS**

#### **CURRICULUM CHANGE**

Name of Program and Degree Award: Accounting, B.S. (63 Credit Major)

Hegis Number: 0502.00 Program Code: 02567 Effective Term: Spring 2019

1. Type of Change: Change in Department Program Requirement

#### 2. **From:**

To earn the B.S. in Accounting, a student must complete a total of 120 credits, 60 of which must be in liberal arts.

Effective Fall 2009, college CPA programs registered with the New York State Education Department must offer a curriculum consisting of a minimum of 150 credit hours. In line with this change, as of Fall 2009, the Department of Economics and Business offers, in addition to the B.S. in Accounting, an M.S. in Accounting program for those students who choose to take the additional 30 credits toward this graduate degree. However, specific admission requirements are in place to gain admittance to the M.S. in Accounting program. Contact the Department for details.

#### Professional Credits (60)

6 in economics: ECO 166-167

33 in accounting: ACC 171, 272, 334-335, 342, 348, 439-440, 441, 442, 444

3 in one ACC elective to be chosen from ACC 445, 446, or 449

6 in law: BBA 336-337 or BBA 339-340

6 in finance: BBA 207 and either BBA 308 or BBA 310 6 in quantitative methods for business: BBA 303-403

Credits in Other Departments (3)

3 in business writing: ENW 300

NOTE: All students are admitted to this major on a provisional basis. The B.S. in Accounting major is designed to help students prepare for professional certification in Accounting. To enroll and/or maintain matriculation in the B.S. in Accounting major, students must attain a minimum cumulative index of 2.7 (B-) in the first four required Department courses completed at Lehman College that count toward the major. Only the first grades earned in each course are counted in computing the index. Students who fail to attain and maintain this minimum index will not be allowed to enter or

continue in the B.S. in Accounting major but can enroll in, or change to, the B.A. in Accounting major or a minor in Accounting.

#### 3. **To:**

To earn the B.S. in Accounting, a student must complete a total of 120 credits, 60 of which must be in liberal arts.

Effective Fall 2009, college CPA programs registered with the New York State Education Department must offer a curriculum consisting of a minimum of 150 credit hours. In line with this change, as of Fall 2009, the Department of Economics and Business offers, in addition to the B.S. in Accounting, an M.S. in Accounting program for those students who choose to take the additional 30 credits toward this graduate degree. However, specific admission requirements are in place to gain admittance to the M.S. in Accounting program. Contact the Department for details.

#### Professional Credits (60)

6 in economics: ECO 166-167

33 in accounting: ACC 171, 272, 334-335, 342, 348, 439-440, 441, 442, 444

3 in one ACC elective to be chosen from ACC 445, 446, or 449

6 in law: BBA 336-337

6 in finance: BBA 207 and either BBA 308 or BBA 310 6 in quantitative methods for business: BBA 303-403

#### Credits in Other Departments (3)

3 in business writing: ENW 300

NOTE: All students are admitted to this major on a provisional basis. The B.S. in Accounting major is designed to help students prepare for professional certification in Accounting. To enroll and/or maintain matriculation in the B.S. in Accounting major, students must attain a minimum cumulative index of 2.7 (B-) in the first four required Department courses completed at Lehman College that count toward the major. Only the first grades earned in each course are counted in computing the index. Students who fail to attain and maintain this minimum index will not be allowed to enter or continue in the B.S. in Accounting major but can enroll in, or change to, the B.A. in Accounting major or a minor in Accounting.

# 4. Rationale (Explain how this change will impact learning outcomes of the department and Major/Program):

BBA 340 hasn't been offered in many years and the department has plans to remove this course permanently. Therefore, the combination of BBA 339 and BBA 340 hasn't been available to student since at least 2012.

## **DEPARTMENT OF ECONOMICS AND BUSINESS**

#### **CURRICULUM CHANGE**

Name of Program and Degree Award: Economics, B.A.

Hegis Number: 2204.00 Program Code: 34023 Effective Term: Spring 2019

1. Type of Change: Change in Degree Requirement

#### 2. **From:**

Economics, B.A. (34-Credit Major)

This major provides an understanding of the structures, processes, and trends in the private and public economy and offers academic and technical training in the analysis and handling of economic issues and problems:

#### **Core Course Requirements (22 credits):**

Select four courses from the following list:

ECO 305 Consumer Economics

#### 12 in economic analysis:

		O. Cano
ECO 166 ECO 167 ECO 300 ECO 301	Introduction to Macroeconomics Introduction to Microeconomics Intermediate Macroeconomics Intermediate Microeconomics	3 3 3 3
10 in quantitative	methods:	
ECO 302 ECO 402 MAT 174 Or MAT 175	Economic Statistics Econometrics Elements of Calculus Calculus I	3 3 4
Elective Courses (12 credits):		

3

Credits

ECO 306 Money and Banking	3
ECO 311 Public Economics	3
ECO 322 Economic History of Developing Countries	3
ECO 323 Economic Development in Latin America	3
ECO 324 International Economics	3
ECO 326 Labor Economics	3
ECO331 Industrial Organization and Regulation	3
ECO 338 Law and Economics	3
ECO 401 Introduction to Mathematical Economics	3
ECO 431 Managerial Economics	3
BBA 310 Security and Investment Analysis	3

#### 3. **To:**

Economics, B.A. (35 Credit Major)

This major provides an understanding of the structures, processes, and trends in the private and public economy and offers academic and technical training in the analysis and handling of economic issues and problems:

### **Core Course Requirements (22 credits):**

Select four courses from the following list:

ECO 305 Consumer Economics

ECO 306 Money and Banking ECO 311 Public Economics

### 12 in economic analysis:

		Credits
ECO 166 ECO 167 ECO 300 ECO 301	Introduction to Macroeconomics Introduction to Microeconomics Intermediate Macroeconomics Intermediate Microeconomics	3 3 3 3
11 in quantitative	methods:	
ECO 302 ECO 402 MAT 174 Or	Economic Statistics Econometrics Elements of Calculus	3 <u>4</u> 4
MAT 175	Calculus I	4
Elective Courses	(12 credits):	

3

3

ECO 322 Economic History of Developing Countries	3
ECO 323 Economic Development in Latin America	3
ECO 324 International Economics	3
ECO 326 Labor Economics	3
ECO331 Industrial Organization and Regulation	3
ECO 338 Law and Economics	3
ECO 344 Economic Evaluation of Health Programs	<u>3</u>
ECO 345 Health Economics	<u>3</u>
ECO 401 Introduction to Mathematical Economics	3
ECO 431 Managerial Economics	3
BBA 310 Security and Investment Analysis	3

# 4. Rationale (Explain how this change will impact learning outcomes of the department and Major/Program):

ECO 344 and ECO 345 are approved courses that are added to provide additional elective choices to economic majors, particularly for those who wish to pursue careers or graduate studies in health economics.

BA in Economics is changed to a 35 credits program due to the requested change in credit hours for ECO 402 Econometrics to 4 credits because of the incorporation of applied work through a capstone research project using statistical and econometric software.

### **DEPARTMENT OF ECONOMICS AND BUSINESS**

#### **CURRICULUM CHANGE**

Name of Program and Degree Award: Economics and Mathematics, B.A.

Hegis Number: 2204.00 Program Code: 36853 Effective Term: Spring 2019

1. Type of Change: Change in Degree Requirements

#### 2. **From:**

#### **Economics and Mathematics, B.A.** (56-57 Credit Major)

Program Description: 56-57 Credits Major in Economics and Mathematics

#### **Course Description:**

#### **Foundation Courses (22 credits)**

		Credits
ECO 166	Introduction to Macroeconomics	3
ECO 167	Introduction to Microeconomics	3
ECO 302	Economic Statistics	3
ECO 402	Econometrics	3
MAT 175	Calculus I	4
MAT 176	Calculus II	4
Requirements (25	credits)	
ECO 300	Intermediate Macroeconomics	3
ECO 301	Intermediate Microeconomics	3
ECO 401	Introduction to Mathematical Economics	3
MAT 226	Vector Calculus	4
MAT 301	Applied Statistics and Computer Analysis for Social So	cientists3
MAT 313	Elements of Linear Algebra	4
MAT 330	Probability and Statistics	4
Electives (9-10 cre	edits)	
<b>One Mathematics</b>	course to be chosen from the list below:	
MA 347	Game Theory and Linear Programming	3
MAT 349	Operations Research	4
MAT 424	Partial Differential Equations and Applications	4

### Two Economic courses to be chosen from the list below:

ECO 305	Consumer Economics	3
ECO 306	Money and Banking	3
ECO 311	Public Economics	3
ECO 322	Economic History of Developing Countries	3
ECO 324	International Economics	3
ECO 326	Labor Economics	3
ECO 331	Industrial Organization and Regulation	3
ECO 338	Law and Economics	3
ECO 431	Managerial Economics	3

### 3. **To:**

## Economics and Mathematics, B.A. (57-58 Credit Major)

Program Description: <u>57-58</u> Credits Major in Economics and Mathematics

## **Course Description:**

# **Foundation Courses (22 credits)**

		Credits
ECO 166	Introduction to Macroeconomics	3
ECO 167	Introduction to Microeconomics	3
ECO 302	Economic Statistics	3
ECO 402		<u>4</u> 4
MAT 175	Calculus I	
MAT 176	Calculus II	4
Requirements (25	credits)	
ECO 300	Intermediate Macroeconomics	3
ECO 301	Intermediate Microeconomics	3
ECO 401	Introduction to Mathematical Economics	3
MAT 226	Vector Calculus	4
MAT 301	Applied Statistics and Computer Analysis for Social So	cientists3
MAT 313	Elements of Linear Algebra	4
MAT 330	Probability and Statistics	4
Electives (9-10 cr	edits)	
One Mathematics	course to be chosen from the list below:	
MA 347	Game Theory and Linear Programming	3
MAT 349	Operations Research	4
MAT 424	Partial Differential Equations and Applications	4

#### Two Economic courses to be chosen from the list below:

ECO 305	Consumer Economics	3
ECO 306	Money and Banking	3
ECO 311	Public Economics	3
ECO 322	Economic History of Developing Countries	3
ECO 324	International Economics	3
ECO 326	Labor Economics	3
ECO 331	Industrial Organization and Regulation	3
ECO 344	Economic Evaluation of Health Programs	<u>3</u>
ECO 345	Health Economics	<u>3</u> 3
ECO 338	Law and Economics	3
ECO 431	Managerial Economics	3

# 4. Rationale (Explain how this change will impact learning outcomes of the department and Major/Program):

ECO 344 and ECO 345 are approved courses that are added to provide additional elective choices to economic majors, particularly for those who wish to pursue careers or graduate studies in health economics.

BA in Economics is changed to a 35 credits program due to the requested change in credit hours for ECO 402 Econometrics to 4 credits because of the incorporation of applied work through a capstone research project using statistical and econometric software.

#### **DEPARTMENT OF ECONOMICS AND BUSINESS**

#### **CURRICULUM CHANGE**

Name of Program and Degree Award: Economics Minor

Effective Term: Spring 2019

1. <u>Type of Change</u>: Change in Minor requirement=

#### 2. **From:**

**Economics minor** 

This minor consists of:

		Credits
ECO 300	Intermediate Macroeconomics	3
ECO 301	Intermediate Microeconomics	3
ECO 302	Economic Statistics	3
And		
One elective	course	

One elective course: 300-and 400-level with ECO prefix.

Not open to students majoring in Business Administration or Accounting.

#### 3. **To:**

Minor in Economics

This minor consists of:

<b>500</b> 000		•
ECO 300	Intermediate Macroeconomics	3
ECO 301	Intermediate Microeconomics	3
ECO 302	Economic Statistics	3
And		
One elective	course	

One elective course: 300-and 400-level with ECO prefix.

# 4. Rationale (Explain how this change will impact learning outcomes of the department and Major/Program):

This change doesn't affect learning outcomes. There is no overlapping of courses required for this minor for students who are majoring in Business Administration and

Credits

Accounting. This minor is relevant for students who wish to have a broader understanding of the economy beyond their specific discipline area studies.

# **DEPARTMENT OF ECONOMICS AND BUSINESS**

#### **CURRICULUM CHANGE**

1. Type of change: New Course

2.

Department(s)	Economics and Business
Career	[X] Undergraduate [ ] Graduate
Academic	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Level	
Subject Area	Business
Course Prefix	BBA 338
& Number	
Course Title	Foundations of Business Leadership
Description	Introduces and explores leadership concepts in a business contex
Pre/ Co	NA
Requisites	
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course	NA
Attribute (e.g.	
Writing	
Intensive,	
WAC, etc) General	V Not Applicable
Education	X_ Not Applicable Required
Component	Required English Composition
Component	Mathematics
	Science
	Flexible
	World Cultures
	US Experience in its Diversity
	Creative Expression
	Individual and Society
	Scientific World

#### 3. Rationale:

The course is designed to help students to understand leadership in a business setting while exploring their understanding of themselves in a leadership role and those they will lead. The knowledge of individual perception, attitudes and behaviors will enable students to choose appropriate leadership styles and business practices to increase organizational effectiveness.

#### 4. <u>Learning Outcomes (By the end of the course students will be expected to):</u>

- 1. Define leadership, with particular application to business.
- Demonstrate skills needed to lead.
- 3. Develop one's own individual leadership philosophy.
- 4. Prepare a personal agenda for successful integration of course concepts into one's business practice.

# **DEPARTMENT OF ECONOMICS AND BUSINESS**

## **CURRICULUM CHANGE**

1. Type of Change: Change in pre-req

# 2. **From**:

Department(s)	Economics and Business
Career	[X] Undergraduate [ ] Graduate
Academic	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Level	
Subject Area	Business
Course Prefix	BBA 339
& Number	
Course Title	Commercial Transactions
Description	Key topics from the Uniform Commercial Code concerning mercantile transactions: sales and leases; commercial paper; bank deposits, collections, and funds transfers; letters of credit; secured transactions.
Pre/ Co	NA
Requisites	
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course	NA
Attribute (e.g.	
Writing	
Intensive,	
WAC, etc)	
General	_X Not Applicable
Education	Required
Component	English Composition
	Mathematics
	Science
	Flexible
	World Cultures
	US Experience in its Diversity
	Creative Expression
	Individual and Society
	Scientific World
	2 33333332 33 2332

3. To: Underline the changes

Department(s)	Economics and Business
Career	[X] Undergraduate [ ] Graduate
Academic	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Level	
Subject Area	Business
Course Prefix	BBA 339
& Number	
Course Title	Commercial Transactions
Description	Key topics from the Uniform Commercial Code concerning mercantile transactions: sales and leases; commercial paper; bank deposits, collections, and funds transfers; letters of credit; secured transactions.
Pre/ Co	BBA 336
Requisites	
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course	NA
Attribute (e.g.	
Writing	
Intensive,	
WAC, etc) General	V. Not Applicable
Education	X_ Not Applicable Required
Component	Required English Composition
Component	Mathematics
	Science
	Flexible
	World Cultures
	US Experience in its Diversity
	Creative Expression
	Individual and Society
	Scientific World

# 4. Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):

Students taking BBA 339 need to have a basic knowledge and understanding of business law prior to taking this class that has various legal terminologies and issues. Thus, a requirement for BBA 336 (Business Law I) as a pre-requisite.

# **DEPARTMENT OF ECONOMICS AND BUSINESS**

## **CURRICULUM CHANGE**

1. Type of change: New Course

2.

Department(s)	Economics and Business
Career	[X] Undergraduate [ ] Graduate
Academic	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Level	
Subject Area	Business
Course Prefix	BBA 434
& Number	
Course Title	Business Leadership in Action
Description	Examines complexities and responsibilities of leadership in a rapidly changing, international, diverse, and information-based business and social environment.
Pre/ Co	BBA 338
Requisites	
Credits	3
Hours	3
Liberal Arts	[ ] Yes [X] No
Course	NA
Attribute (e.g.	
Writing	
Intensive,	
WAC, etc)	V Not Applicable
General Education	X_ Not Applicable Required
Component	Required English Composition
Component	Mathematics
	Science
	Flexible
	World Cultures
	US Experience in its Diversity
	Creative Expression
	Individual and Society
	Scientific World

Undergraduate Curriculum Committee

#### 3. Rationale:

This course investigates the responsibilities of contemporary leadership and the complex issues of leading and guiding organizations in turbulent environments through seminars, exercises/simulations, case studies, guest speakers, group discussions, readings, and experiential projects. Students will explore and enact the roles of leaders as decision makers, ethical thought leaders, problems solvers, and change agents.

#### 4. Learning Outcomes (By the end of the course students will be expected to):

- Develop an understanding of seminal and contemporary theories of business leadership.
- Demonstrate an understanding of the context of leadership; more specifically, leadership challenges posed by the changing business environment.
- Explain responsibilities and privileges of leadership, including moral and ethical decisions and the use of authority and power.
- Apply current conceptualizations of leadership to practical and real-life situations.
- 5. Date of Departmental Approval: 3/6/18

# **DEPARTMENT OF ECONOMICS AND BUSINESS**

## **CURRICULUM CHANGE**

1. Type of Change: Change description

# 2. **From**:

Department(s)	Economics and Business
Career	[X] Undergraduate [ ] Graduate
Academic	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Level	
Subject Area	Economics
Course Prefix	ECO 302
& Number	
Course Title	Economic Statistics
Description	Descriptive statistical methods used in economic analysis:-probability distributions; sampling and estimation; confidence intervals; hypothesis testing; correlation and linear regression.
Pre/ Co	ECO 166 and MAT 132 or MAT 171 or MAT 172 or MAT 174 or MAT
Requisites	175.
	NOTE: Students may not receive credit for both ECO 302 and BBA 303
Credits	3
Hours	3
Liberal Arts	[X] Yes [ ] No
Course	NA
Attribute (e.g.	
Writing	
Intensive,	
WAC, etc)	V Not Applicable
General Education	_X Not Applicable Required
Component	Required English Composition
Component	Mathematics
	Science
	Flexible
	World Cultures
	US Experience in its Diversity
	Creative Expression
	Individual and Society
	Scientific World

3. <b>To:</b> Underline	<u>e</u> the changes
Department(s)	
Career	[X] Undergraduate [ ] Graduate
Academic	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Level	
Subject Area	Economics
Course Prefix	ECO 302
& Number	
Course Title	Economic Statistics
Description	Descriptive statistical methods used in economic analysis: probability distributions; sampling and estimation; confidence intervals; hypothesis testing; correlation and linear regression.
Pre/ Co	ECO 166 and MAT 132 or MAT 171 or MAT 172 or MAT 174 or MAT
Requisites	175.
Credits	3
Hours	3
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g. Writing Intensive, WAC, etc)	NA
General Education Component	X_ Not Applicable Required English Composition Mathematics Science Flexible World Cultures US Experience in its Diversity

# 4. Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):

Creative ExpressionIndividual and SocietyScientific World

The "Note" is eliminated as it considers BBA 303 and ECO 302 to be equivalent, and they are not as the latter course covers more topics by covering all of inferential statistics and up to regression analysis. Thereby, ECO students may only take ECO 302 which better prepares them to take ECO 402 (Econometrics), the next course in the sequence.

# **DEPARTMENT OF ECONOMICS AND BUSINESS**

## **CURRICULUM CHANGE**

1. Type of Change: Change in description, credits, pre-req, and hours

# 2. **From**:

Department(s)	Economics and Business
Career	[X] Undergraduate [ ] Graduate
Academic	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Level	
Subject Area	Economics
Course Prefix	ECO 402
& Number	
Course Title	Econometrics
Description	Methods and problems of simple and multivariable linear regression
	with emphasis on problems arising in the analysis of economic data;
	time-series models; problems of multicollinearity, heteroscedasticity
D / O	and autocorrelation; functional forms and use of dummy variables.
Pre/ Co	ECO 302 <del>or BBA 303</del>
Requisites	
Credits	3
Hours	3
Liberal Arts	[X] Yes [] No
Course	NA
Attribute (e.g.	
Writing	
Intensive,	
WAC, etc)	V Nict Acciliant
General	_X Not Applicable
Education	Required
Component	English Composition  Mathematics
	Science
	Flexible
	World Cultures
	US Experience in its Diversity
	Creative Expression
	Individual and Society
	Scientific World

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3. <b>To:</b> Underlin	<u>e</u> the changes
Department(s)	Economics and Business
Career	[X] Undergraduate [ ] Graduate
Academic	[X] Regular [ ] Compensatory [ ] Developmental [ ] Remedial
Level	
Subject Area	Economics
Course Prefix	ECO 402
& Number	
Course Title	Econometrics
Description	Methods and problems of simple and multivariable linear regression.
	Emphasizes applications to economics, finance and business through a
Dra/Ca	capstone research project and use of software.
Pre/ Co	ECO 302 or department approval
Requisites Credits	1
	<u>4</u>
Hours	<u>4</u>
Liberal Arts	[X] Yes [ ] No
Course Attribute (e.g.	NA
Writing	
Intensive,	
WAC, etc)	
General	X_ Not Applicable
Education	Required
Component	English Composition
	Mathematics
	Science
	Flexible
	World Cultures
	US Experience in its Diversity
	Creative Expression
	Individual and Society
	Scientific World

### 4. Rationale (Explain how this change will impact the learning outcomes of the department and Major/Program):

The credit hours are changed since this is a quantitative course which incorporates a research component and applications of various statistical and econometric techniques and thus will be taught in a computer lab. Statistical software like SAS and STATA will be used in instruction and for student projects.

ECO students may only take ECO 302 which better prepares them to take ECO 402 (Econometrics), the next course in the sequence. ECO 302 covers more topics in statistics than BBA 303. The former course covers the inferential statistics and up to regression analysis while the latter course covers descriptive statistics and the introductory to inferential statistics.