

Academic Senate Agenda - April 8, 2025 - Attachment B

MONTHLY REPORT: April 2025 - COMMITTEE ON CURRICULUM

To: Scott Litroff , Academic Senate Steering Committee
From: Vazgen Shekoyan, March 25, 2025
Subject: Committee on Curriculum March 2025 Monthly Report for the April 2025 Senate
CC: College Archives (CWilliams@qcc.cuny.edu)

At its March 18, 2025 meeting, the Committee on Curriculum voted to send the following recommendations and notices to the Academic Senate:

6 course revisions
 1 program revision

1. COURSE REVISIONS

DEPARTMENT OF BUSINESS

Departmental approval date: October 23, 2024

8. Course Prefix & Number:	BU 203	BU 203
9. Course Title:	Principles of Statistics	<u>Business Statistics</u>
10. Hours & Credits (Specify if class hours, lab. hours, recitation hours, etc.)	4 hours, 3 credits	4 hours, 3 credits
11. Pre-requisites (if any)	MA-114 or MA-119 or MA321	MA-114 or MA-119 or MA321
12. Co-requisites (if any)	None	None
13. Course Description (for College Catalog):	An introduction to statistical methods and statistical reasoning; nature and scope of statistical inquiries; collection and presentation of data; descriptive methods with particular reference to frequency distributions; correlation, index numbers and time series analysis; elements of probability, sampling methods, sampling error and principles of estimation	<u>An introduction to statistical methods as a basis for decision making in business, utilizing descriptive methods to collect, organize and present data and utilizing various statistical techniques to analyze data in order to make data informed business decisions. Students will learn to present data and calculate measures of location and dispersion. They will also learn probability distributions, sampling, estimation and confidence intervals, hypothesis testing and correlation and regression. Students will use spreadsheet to present and analyze data.</u>

Curricula into which the course would be incorporated and the requirements it will satisfy:

A.S. Business Administration
 A.S. QCC/John Jay Dual/Joint Accounting for Forensic Accounting
 A.A.S. Accounting
 A.A.S. Management

Rationale:

Business Statistics will help students learn how to use data and statistical technique to make informed business

decisions in areas like marketing, advertising, budget allocation, performance management and strategic planning.

DEPARTMENT OF BUSINESS

Departmental approval date: October 23, 2024

8. Course Prefix & Number:	CIS-206	CIS-206
9. Course Title:	Spreadsheet Business Applications and Data Analytics	Spreadsheet Business Applications and Data Analytics
10. Hours & Credits (Specify if class hours, lab. hours, recitation hours, etc.)	2 Class Hours 3 Lab Hours 3 Credits	2 Class Hours 3 2 Lab Hours 3 Credits
11. Pre-requisites (if any)	CIS-101 and students must complete any developmental requirements in Mathematics (see Proficiency in Math and English) prior to taking this course	CIS-101 and students must complete any developmental requirements in Mathematics (see Proficiency in Math and English) prior to taking this course
12. Co-requisites (if any)	none	none
13. Course Description (for College Catalog):	Students will apply spreadsheet and data analytics concepts to solve real-world business problems, examine alternative solutions, and implement them using software and programming. Topics include spreadsheet design, efficient/effective data validation, computational analysis, decision support, data visualization, infographics, business reporting, macros, advanced statistical, financial, and database functions, use of data tables, logical functions and formulas, lookup tables, and programming for analytics.	Students will apply spreadsheet and data analytics concepts to solve real-world business problems, examine alternative solutions, and implement them using software and programming. Topics include spreadsheet design, efficient/effective data validation, computational analysis, decision support, data visualization, infographics, business reporting, macros, advanced statistical, financial, and database functions, use of data tables, logical functions and formulas, lookup tables, and programming for analytics.

Curricula into which the course would be incorporated and the requirements it will satisfy:

A.S Computer Information Systems – elective option

Rationale:

Over the past years, industry guidance has suggested an additional need for spreadsheet concepts to be applied across the business curriculum. In response, introductory spreadsheet content has been shifted from this course to other courses within the department, which allows for the reduction of 1 lab hour.

DEPARTMENT OF MODERN LANGUAGES AND CULTURES

Departmental approval date: December 15, 2024

8. Course Prefix & Number:	LA111	LA111
9. Course Title:	Elementary Arabic I	Elementary Arabic I
10. Hours & Credits (Specify if class hours, lab. hours, recitation hours, etc.)	4 class hours, 4 credits	3 class hours, 3 credits

11. Pre-requisites (if any)	None	None
12. Co-requisites (if any)		
13. Course Description (for College Catalog):	This is an introduction to Arabic language and culture for students who wish to develop basic listening, speaking, reading and writing skills in Arabic, and explore aspects of culture in Arabic-speaking countries. The alphabet, sound system and Arabic orthography will be covered, as well as elementary greetings and expressions. Students learn Modern Standard Arabic (MSA), with some exposure to colloquial Arabic forms. Weekly individual practice online or in the language laboratory is required.	This is an introduction to Arabic language and culture for students who wish to develop basic listening, speaking, reading and writing skills in Arabic, and explore aspects of culture in Arabic-speaking countries. The alphabet, sound system and Arabic orthography will be covered, as well as elementary greetings and expressions. Students learn Modern Standard Arabic (MSA), with some exposure to colloquial Arabic forms. Weekly individual practice online or in the language laboratory is required.

Curricula into which the course would be incorporated and the requirements it will satisfy:

Pathways: (2.A.) World Cultures and Global Issues (3 credits).

The course contents have been adjusted to align with the updated number of lecture hours.

8. Course Prefix & Number:	LA112	LA112
9. Course Title:	Elementary Arabic II	Elementary Arabic II
10. Hours & Credits (Specify if class hours, lab. hours, recitation hours, etc.)	4 class hours, 4 credits	3 class hours, 3 credits
11. Pre-requisites (if any)	LA111 with a grade of "C" or higher, or placement by the Department of Modern Languages and Cultures.	LA111 with a grade of "C" or higher, or placement by the Department of Modern Languages and Cultures.
12. Co-requisites (if any)		
13. Course Description (for College Catalog):	This course is the second half of a first-year course in Modern Standard Arabic. Emphasis is on the progressive development of listening, speaking, reading and writing skills, and learning basic grammatical constructs. Students continue to learn about cultural and social contexts of the Arabic-speaking world. Weekly listening, speaking and viewing activities online or in the language laboratory are part of the course.	This course is the second half of a first-year course in Modern Standard Arabic. Emphasis is on the progressive development of listening, speaking, reading and writing skills, and learning basic grammatical constructs. Students continue to learn about cultural and social contexts of the Arabic-speaking world. Weekly listening, speaking and viewing activities online or in the language laboratory are part of the course.

Curricula into which the course would be incorporated and the requirements it will satisfy:

Pathways: (2.A.) World Cultures and Global Issues (3 credits).

8. Course Prefix & Number:	LF111	LF111
9. Course Title:	Elementary French I	Elementary French I
10. Hours & Credits (Specify if class hours, lab. hours, recitation hours, etc.)	4-class hours, 4-credits	3 class hours, 3 credits
11. Pre-requisites (if any)	None	None
12. Co-requisites (if any)		
13. Course Description (for College Catalog):	This course is an introduction to French language and culture designed for students who have no previous background in French. Students will develop basic listening, speaking, reading and writing skills, and explore aspects of French and Francophone cultures. Weekly listening, speaking and viewing activities online or in the language laboratory are part of the course. Elements of French grammar; learning to understand and speak the language. Intensive oral practice, as well as practice in writing simple compositions. Weekly attendance in the Language Laboratory is required.	This course is an introduction to French language and culture designed for students who have no previous background in French. Students will develop basic listening, speaking, reading and writing skills, and explore aspects of French and Francophone cultures. Weekly listening, speaking and viewing activities online or in the language laboratory are part of the course. Elements of French grammar; learning to understand and speak the language. Intensive oral practice, as well as practice in writing simple compositions. Weekly attendance in the Language Laboratory is required.

Curricula into which the course would be incorporated and the requirements it will satisfy:

Pathways: (2.A.) World Cultures and Global Issues (3 credits).

The course contents have been adjusted to align with the updated number of lecture hours.

8. Course Prefix & Number:	LF112	LF112
9. Course Title:	Elementary French II	Elementary French II
10. Hours & Credits (Specify if class hours, lab. hours, recitation hours, etc.)	4-class hours, 4-credits	3 class hours, 3 credits
11. Pre-requisites (if any)	LF111 with a grade of "C" or higher, or placement by the Department of Foreign Languages and Literatures	LF111 with a grade of "C" or higher, or placement by the Department of Foreign Languages and Literatures
12. Co-requisites (if any)		

13. Course Description (for College Catalog):

This course is the second half of a first-year course in French. Emphasis is on the progressive development of listening, speaking, reading and writing skills. Students continue to explore the culture of France and Francophone countries. Weekly listening, speaking and viewing activities online or in the language laboratory are part of the course.

This course is the second half of a first-year course in French. Emphasis is on the progressive development of listening, speaking, reading and writing skills. Students continue to explore the culture of France and Francophone countries. Weekly listening, speaking and viewing activities online or in the language laboratory are part of the course.

Curricula into which the course would be incorporated and the requirements it will satisfy:

Pathways: (2.A.) World Cultures and Global Issues (3 credits).

Rationale for LA111, LA112, LF111 and LF112 course revisions:

These courses will be reduced from 4 to 3 credits to align with the requirements of a Pathways Common Core course and to increase the applicability of the class to a wider range of degrees, making the class more attractive to students. Consequently, the course hours will be reduced from 4 to 3, requiring adjustments to the content taught. The revised syllabus prioritizes core content, optimizes class time, and incorporates more interactive activities outside the classroom to ensure alignment with the revised lecture hours while maintaining coverage of the essential material previously included.

2. PROGRAM REVISION

Chemistry

Departmental approval date: March 5, 2025
A.S. in Chemistry

Rationale:

This degree was initially designed to prepare students for the B.S. in Pharmaceutical Sciences at York College. However, the degree did not allow students to take physics, a required course at York, and for most B.S. in Chemistry degrees. Additionally, the program did not allow students with an incoming math placement less than Calculus I to count College Algebra, Trigonometry, or Pre-Calculus credits toward the degree. The proposed changes below address both of those problems.

Department: Chemistry

Program Name: A.S. in Chemistry

Program Code: CHY-AS

HEGIS Number: 5619

Date approved by department:

Date consulted with the Office of Academic Affairs:

Date submitted to the Committee on Curriculum:

Date approved by the Committee on Curriculum:

Month	Day	Year
03	05	2025
03	04	2025
03	06	2025
03	18	2025

From:		To:	
Common Core	Credits	Common Core	Credits
Required Core 1A: ENGL-101 English Composition I	3	Required Core 1A: ENGL-101 English Composition I	3
Required Core 1A: ENGL-102 English Composition II	3	Required Core 1A: ENGL-102 English Composition II	3
Required Core 1B: MA 441 - Analytic Geometry and Calculus I ^{1,2}	4	Required Core 1B: MA 441 - Analytic Geometry and Calculus I ¹	4
Required Core 1C: CH 151 - General Chemistry I ¹	4.5	Required Core 1C: CH 151 - General Chemistry I ¹	4.5
Flexible Core 2A: Choose one course from World Cultures and Global Issues, HIST-110, 111, or 112 recommended	3	Flexible Core 2A: Choose one course from World Cultures and Global Issues, HIST-110, 111, or 112 recommended	3
Flexible Core 2B: Choose one course from U.S. Experience in Its Diversity, SP-211 recommended	3	Flexible Core 2B: Choose one course from U.S. Experience in Its Diversity, SP-211 recommended	3
Flexible Core 2C: Choose one course from Creative Expression	3	Flexible Core 2C: Choose one course from Creative Expression	3
Flexible Core 2D: Choose one course from Individual and Society	3	Flexible Core 2D: Choose one course from Individual and Society	3
Flexible Core 2E: BI-201 General Biology I ¹	4	Flexible Core 2E: BI-201 General Biology I ¹	4
Flexible Core 2E: CH-152 General Chemistry II ¹	4.5	Flexible Core 2E: CH-152 General Chemistry II ¹	4.5
Sub-Total	35	Sub-Total	35
Requirements for the Major		Requirements for the Major	
MA 442 - Analytic Geometry and Calculus II	4	MA 442 - Analytic Geometry and Calculus II	4
CH 251 - Organic Chemistry I	5	CH 251 - Organic Chemistry I	5
CH 252 - Organic Chemistry II	5	CH 252 - Organic Chemistry II	5
BI 202 - General Biology II	4		
Sub-Total	18	Sub-Total	14

		Major Electives: Complete at least two courses from the following:^{3,4}	
		BI-202 General Biology II³	4
		PH-421 General Calculus Physics A⁴	5
		PH-422 General Calculus Physics B⁴	5
		Sub-Total	9 or 10
Additional Requirements for the Major			
HE-102 Health, Behavior and Society	2		

Modern Language OR Liberal Arts and Sciences Courses	3		
Sub-Total	5		
Free Electives		Free Electives	
Free Electives	2	Free Electives ²	<u>1 or 2</u>
Sub-Total	2	Sub-Total	<u>1 or 2</u>
Total	60	Total	60

14A. Program Note

From:	To:
All students must complete two (2) WI designated classes to fulfill degree requirements.	All students must complete two (2) WI designated classes to fulfill degree requirements.

14B. Course Note

From:	To:
1. Students are required to take particular courses in some areas of the Common Core that fulfill both general education and major requirements. If students do not take the required courses in the Common Core, they will have to take additional credits to complete their degree requirements.	1. Students are required to take particular courses in some areas of the Common Core that fulfill both general education and major requirements. If students do not take the required courses in the Common Core, they will have to take additional credits to complete their degree requirements.
	2. <u>Students who do not place into MA-441 must take MA-119, MA-121, and/or MA-440 as needed. Some of the credits for these courses may be counted as free electives.</u>
	3. <u>Students planning to transition to York College or transfer to another pharmaceutical sciences program are highly recommended to complete BI-202 and PH-421. Those not taking these courses may require more than two years to complete the bachelor's degree.</u>
	4. <u>Students transitioning or transferring to a chemistry program are highly recommended to take PH-421 and PH-422. Those not taking these courses may require more than two years to complete the bachelor's degree.</u>

Write a summary for all of the changes.

Major electives have been added to the degree. BI-202 has been moved from Major Requirements to the Electives, and PH-421 and PH-422 have been added to the degree as electives. HE-102 and the three credits of foreign language or liberal arts and sciences have been eliminated in favor of free electives so that students with an incoming math placement below MA-441 may count some of the credits for MA-119, MA-121, and/or MA-440 toward the degree program.

Explain briefly how students currently in the program will be able to complete the requirements.

All of the courses in the prior version of the degree can be counted toward the requirements of the revised degree program.