Business Administration (A.S. Degree) *
Computer Programming Option
FALL 2023-SPRING 2024

Footnotes:

[1]Students with English Proficiency Index (EPI) of 0-49 enroll in corequisite course ENG 100. Students with EPI of 50-64 enroll in corequisite course ENG 110. Students with EPI of at least 65 (or other English proficiency qualification) enroll in ENG 111. Students with ESL need should take appropriate ESL course(s) (Sequence: ESL 01->02->03->09) before enrolling in ENG 110.

[2] Students are eligible to enroll in MTH 28 if they have successfully completed an elementary algebra math intervention at a CUNY college (e.g., Math Proficiency Workshop, CUNY Start Math, Math Start, or MTH 5), or if they are CUNY Math proficient AND have the appropriate math background in high school. See the Mathematics Course Placement page in the College Catalog.

[3]Students not eligible for MTH 28 or higher courses enroll in corequisite course MTH 28.5. However, note that students with Math Proficiency Index of 39 or lower are strongly encouraged to enroll in Math Start/CUNY Start.

[4]Students may select either a 4-credit or a 3-credit science course. Students selecting a 3-credit course must also complete an additional 1-credit lab course to fulfill graduation requirements.

[5]In an effort to select courses which can be accepted as transfer credits at Senior Colleges and give students the breadth of knowledge required nationally of Business Majors, students are strongly recommended to complete HIS 10 or HIS 11 and/or COMM 34 to fulfill Flexible Core A; ECO 12 fulfill Flexible Core B; and COMM 11 and/or ECO 11 to fulfill Flexible Core D.

[6]In order to comply with transfer requirement at Senior Colleges, students are required to complete MTH 28/28.5 College Algebra and Elementary Trigonometry in Required Core B and MTH 30 Pre-calculus to fulfill Flexible Core E. Students who place out of MTH 28 should complete MTH30 in Required Core B and may select another course to fulfill Flexible Core E.

[7] Students must take FYS 11 prior to earning 24 degree or equated credits. Students who have earned 24 or more degree or equated credits are permitted to use the one credit as a free elective. It is highly recommended that students take FYS 11 in their first or second semester. This requirement will be waived for students who have earned 24 or more degree or equated credits at BCC or another college and transfer into this program.

[7]Students transferring into the program with 24 or more degree or equated credits will be exempt from FYS 11 and only required to complete 60 credits to graduate.

*Note:
In order to apply for graduation, students must complete all required courses with appropriate grades, complete two writing intensive courses, and have a minimum GPA of 2.0..

REQUIRED COMMOM CORE

☐ A ☐ A	**English Composition[1] I & II** ENG 100[1] **OR** ENG 110[1] **OR** ENG 111[1]; **AND** ENG 112 **OR** ENG 113 **OR** ENG 114 **OR** ENG 115 **OR** ENG 116	6
☐ B	**Mathematical and Quantitative Reasoning[2]** MTH 28[2] College Algebra and Elementary Trigonometry **OR** MTH 28.5[3] **(Corequisite)**	3
☐ C	**Life and Physical Sciences[4]**	3-4
	Subtotal:	**12-13**

FLEXIBLE COMMON CORE

Students can complete no more than two courses from any one discipline or interdisciplinary field.	
☐ **A World Cultures and Global Issues[5]**	3
☐ **B US Experience in its Diversity[5]**	3
☐ **C Creative Expression**	3
☐ **D Individual and Society[5]**	3
☐ **E Scientific World[6]** MTH 30 Pre-Calculus Mathematics	4
☐ **A-E Select an additional course from Flexible Core A-E**	3
Subtotal:	**19**

MAJOR REQUIREMENTS (See Degree map at: http://www.bcc.cuny.edu/academics/academic-advising/degree-maps/ for semester-by-semester sequence)

☐ ACC 111	Principles of Accounting I	4
☐ BUS 41	Business Statistics	3
☐ BUS 51	Principles of Management	3
☐ DAT 30	Introduction to Computer Applications & Programming	3
☐ FYS 11[7]	First Year Seminar[7]	0-1
☐ LAW 41	Business Law	3
☐ LAB[4]	Lab science credit[4]	0-1

Computer Programming Option Requirements

☐ BIS 13	Web Development	3
☐ DAT 47	JAVA Programming	3
☐ DAT 49	Linux Operating System	3
☐ DAT 51	Web Programming with Python	3
Subtotal:		**28-30**
TOTAL:		**60-61[7]**