Program Title: Business Data Analytics
HEGIS Code: 5101.00
Financial Aid: TAP, APTS, VTA

Award: AS
Program Code: 45045

Associate of Science in Business Data Analytics Degree Requirements

Queensborough Community College	
CUNY Common Core Requirements	**Credits**
Required Core 1A: English Composition ENGL-101 English Composition I ENGL-102 English Composition II	 3 3
Required Core 1B: **MA-114 College Algebra and Trig for Tech Students**[1] OR MA-119 College Algebra	 4 3
Required Core 1C: Life and Physical Sciences[2]	3-4
Flexible Core 2A: World Cultures & Global Issues	3
Flexible Core 2B: U.S. Experience in its Diversity	3
Flexible Core 2C: Creative Expression	3
Flexible Core 2D: ECON-101 Intro to Macroeconomics	3
Flexible Core 2E: CIS-102 Computer Prog Fund for Business	3
Additional Flexible Core: ECON-102 Intro to Microeconomics	3
Subtotal	**30-32**
Major Requirements	
BU-101 Principles of Accounting I[3]	4
BU-201 Business Organization and Management	3
BU-203 Principles of Statistics	3
CIS-101 Introduction to Computing and Information Systems	3
CIS-155 Introduction to Data Analytics	3
CIS-156 Data Visualization	3
CIS-206 Spreadsheets Business Appl and Data Analytics	3
CIS-208 Database Management Systems	3
CIS-211 Data Mining and Business Analytics OR BU-102 Principles of Accounting II[3]	3
Subtotal	**28**
Additional Requirements	
MA-121 Elementary Trigonometry[1]	0-1
Laboratory Science: BI-132, BI-171, CH-102, CH-111, CH-121, ET-842, or PH-112[2]	0-1
Subtotal	**0-2**
Total Credits Completed at QCC	**60**

Program Notes:

1. Students may take either MA-119 plus MA-121 or MA-114 to satisfy QCC degree requirements. **Students planning to transfer to Baruch College are strongly recommended to take MA-114.** Those that take MA-119 + MA-121 may be required to take Precalculus at Baruch before they will be eligible for entry to the Zicklin School of Business.
2. Students who take a STEM Variant course for Required Core 1C do not have to take an additional laboratory course.
3. Baruch College will award credit for ACC 2101 to QCC students who complete both BU-101 and BU-102. QCC students who only take BU-101 before transfer will need to complete ACC 2101 at Baruch before they will be eligible for entry to the Zicklin School of Business. **BU-102 is strongly recommended for students who are planning to transfer to Baruch College.**

All students must successfully complete two (2) writing-intensive classes (designated “WI”) to fulfill degree requirements

Associate of Science in Business Data Analytics Degree Map

Fall Semester #1				**Spring Semester #1**		
Course Number & Title	**Cr**	**Prerequisite(s)**		**Course Number & Title**	**Cr**	**Prerequisite(s)**
Required Core 1A: ENGL-101 English Composition I	3			Required Core 1A: ENGL-102 English Composition II	3	ENGL-101
Required Core 1B: MA-114 College Algebra and Trigonometry for Technical Students[1] (4) OR MA-119 College Algebra (3) and MA 121 Elementary Trigonometry (1)	4			BU-101 Principles of Accounting I[3]	4	
CIS-101 Introduction to Computing and Information Systems	3			CIS-155 Introduction to Data Analytics	3	CIS-101 and 102
Flexible Core 2E: CIS-102 Computer Programming Fundamentals for Business	3			CIS-156 Data Visualization	3	CIS-101
Flexible Core 2A: World Culture & Global Issues	3			Flexible Core 2D: ECON-101 Intro to Macroeconomics	3	
Total Credits for Term	**16**			**Total Credits for Term**	**16**	
Fall Semester #2				**Spring Semester #2**		
Course Number & Title	**Cr**	**Prerequisite(s)**		**Course Number & Title**	**Cr**	**Prerequisite(s)**
CIS-211 Data Mining and Business Analytics (or BU-102 Principles of Accounting II[3])	3	CIS-155 OR BU-101		Required Core 1C Life & Physical Sciences[2] and related lab course	3	
BU-203 Principles of Statistics	3	MA-114 or 119		CIS-206 Spreadsheet Business Applications and Data Analytics	3	CIS-101
CIS-208 Database Management Systems	3	CIS-101		BU-201 Business Organization and Management	3	
Additional Flexible Core 2E: ECON-102 Intro to Microeconomics	3			Flexible Core 2C: Creative Expression	3	
Flexible Core 2B: U.S. Experience in its Diversity	3					
Total Credits for Term	**15**			**Total Credits for Term**	**12**	

Program Notes:

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All students must successfully complete two (2) writing-intensive classes (designated "WI") to fulfill degree requirements.