

### ACCREDITED NORFOLK STATE UNIVERSITY SCHOOL OF BUSINESS 2025 CURRICULUM LEADING TO THE B.S. DEGREE IN BUSINESS BUSINESS INTELLIGENCE & DATA ANALYTICS CONCENTRATION



# The Bachelor of Science degree in Business with a concentration in Business Intelligence & Data Analytics requires a minimum of 121 hours of undergraduate work. The courses required in the Business Intelligence & Data Analytics concentration include the following:

## First Year

#### Semester Credit Hour

SEM	101	Spartan Seminar 101	1 cr. hr.
SEM	102	Spartan Seminar 102	1 cr. hr.
BUS	175	Introduction to Business & Entrepreneurship	3 cr. hrs.
BIO	100	Biological Sciences	3 cr. hrs.
SCI	101	Introduction to Physical Science	3 cr. hrs.
XXX	XXX	Science Lab Elective (See Note A)	1 cr. hr.
ENG	101	College English I	3 cr. hrs.
ENG	102	College English II (ENG 101)	3 cr. hrs.
HED	100	Personal and Community Health	2 cr. hrs.
BUS	284	Advanced Micro Computing	3 cr. hrs.
MTH	131	Pre-calculus for Non-Science Majors	3 cr. hrs.
MTH	132	Calculus for Non-Science Majors (MTH 131)	3 cr. hrs.
PED	100	Fitness for Life or PED 101/102 or Modified PED	1 cr. hr.
		TOTAL	30 cr. hrs.
Second	Year		
SEM	201	Spartan Seminar 201	1 cr. hr.
ACC	201	Principles of Financial Accounting	3 cr. hrs.
ACC	202	Principles of Managerial Accounting (ACC 201)	3 cr. hrs.
BUS	281	Legal Environment for Business (BUS 175)	3 cr. hrs.
BUS	270	Business Statistics (MTH 132)	3 cr. hrs.
ECN	211	Principles of Microeconomics	3 cr. hrs.
ECN	212	Principles of Macroeconomics (ECN 211)	3 cr. hrs.
ENG	210	Practical English Grammar	3 cr. hrs.
PSY	210	Introduction to Psychology	3 cr. hrs.
ENG	285	Public Speaking (ENG 102)	3 cr. hrs.
XXX	XXX	Humanities (See Note B)	3 cr. hrs.
		TOTAL	31 cr. hrs.
Third Y	Year		
DUC	220	Designed Communications	3 cr. hrs.
BUS BUS	330 376	Business Communications Statistics and Output itative Matheda (DUS 270)	3 cr. hrs.
BUS	376 387	Statistics and Quantitative Methods (BUS 270)	3 cr. hrs.
BUS	360	Intro to Entrepreneurship (BUS 366, BUS 360 and BUS 365) Corporate Finance (ACC 202 and ECN 212)	3 cr. hrs.
BUS	300	Management Information Systems & E-Commerce (BUS 284)	3 cr. hrs.
BUS	373	Business Database Management (BUS 284)	3 cr. hrs.
BUS	390	Organizational Behavior and Theory (PSY 210)	3 cr. hrs.
BUS	365	Principles of Marketing	3 cr. hrs.
BUS	300 391	Introduction to Data Analytics & Big Data (BUS 375)	3 cr. hrs.
BUS	391	Introduction to Blockchain: Foundations and Business Use Cases (BUS 375)	3 cr. hrs.
003	390	TOTAL	<b>30 cr. hrs.</b>
Fourth	Year	IUIAL	50 cr. ms.
BUS	431	Information Systems Analysis and Design (BUS 375)	3 cr. hrs.
BUS	XXX	Business Elective (See Note C)	3 cr. hrs.
BUS	491	Data Analytics & Visualization (BUS 391)	3 cr. hrs.
BUS	492 476	Business Intelligence (BUS 491) Operations Management (PUS 376)	3 cr. hrs. 3 cr. hrs.
BUS BUS	476 478	Operations Management (BUS 376) Strategic Management (BUS 476, BUS 365, BUS 366, BUS 360)	3 cr. hrs. 3 cr. hrs.
BUS	478 XXX	Business Elective (See Note C)	3 cr. hrs. 9 cr. hrs.
XXX	XXX	Global/Cultural & Language Elective (See Note B)	3 cr. hrs.
		TOTAL	30 cr. hrs.

### BUSINESS INTELLIGENCE & DATA ANALYTICS CURRICULUM 2022

**Note A:** A student needs to take **ONE** of the following laboratory courses.

BIO100L Biological Science LabSCI101L Physical Science Lab					
<b>Note B:</b> Global/Cultural and Foreign Language Electives (6 hours)					
A student will choose <b>TWO</b> courses from the list below.					
SOC 325 Society, Business & Internationalism					
ENG 207 Introduction to World Literature					
ENG 383 African-American Literature					
FIA 201 Basic Art Appreciation GEO 141 World Regional Geography					
GEO 331 Economic Geography					
GEO 336 Political Geography					
GEO 337 Geography of Africa					
HIS 336 African-American History since 1865					
HIS 360 Latin America: Argentina, Brazil, and Chile					
HIS 361 Latin America: Readings in Latin American History					
HIS 363 Introduction to Modern Near-East					
HIS 365 Latin America: Mexico, Central America, and					
the Caribbean					
HIS 370 African History and Culture					
HIS 371 African History and Culture					
HIS 374 East Asian Civilization					
HIS 375 Contemporary Economic System of China					
HIS 376 Contemporary Economic System of Japan					
HIS 446 Latin America Colonial					
HIS 448 Slavery in the Atlantic Basin					
HIS 476 Modern China and Modern Japan					
HUM 210 Humanities					
HUM 211 Humanities					
MUS 301 Music Appreciation MUS 234 African-American Music					
POS 315 Blacks in American Political Process					
POS 323 Comparative Government					
POS 360 International Politics					
POS 442 International Law					
POS 461 International Organization					
POS 462 The Near (Middle) East in International					
POS 463 Politics of African Nations					
POS 467 Introduction to Non-Western Politics					
POS 468 A Survey of Contemporary Governments					
of Asia PSY 340 Psychology of African Americans					
REL 200 Major World Religions					
SOC 101 Introduction to Social Science					
SOC 237 Racial and Cultural Minorities					
SOC 242 Introduction to Anthropology					
FRN 111 and 112 Elementary French I and II GRM 111 and 112 Elementary German I and II					
JPN 111 and 112 Elementary German I and II JPN 111 and 112 Elementary Japanese I and II					
SPN 111 and 112 Elementary Spanish I and II					
SWA 111 and 112 Elementary Swahili I and II					
<b>Note C:</b> A student needs to take <b>FOUR</b> of the following courses towards Business Electives. (12 cr. hrs.)					

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- ACC 301 Intermediate Accounting I (ACC 202)
- ACC 315 Federal Income Tax I (ACC 202)
- BUS 465 Small Business Management (BUS 387)
- BUS 477 Franchising (BUS 366)
- BUS 363 Financial Institutions (BUS 360)
- BUS 474 Intermediate Financial Management (BUS 360)

- BUS 350 Ethics in Management (BUS 365)
- BUS 415 International Management (BUS 365)
- BUS 367 Consumer Behavior (BUS 366)
- BUS 413 Principles of Retailing (BUS 366)
- BUS 300 Internship

# STUDENTS MUST EARN A "C" OR HIGHER IN THE FOLLOWING:

- 1. ALL Business courses: (ACC, BUS, and ECN)
- 2. ALL English courses: (ENG)
- 3. ALL Math courses: (MTH)
- 4. ALL Computer Science courses: (CSC)

#### MATHEMATICS SEQUENCE

For business school students, MTH 131, and MTH 132 are required courses. Based on the results of the mathematics placement test, a student MUST follow one of the following mathematics sequences.

Math Placement Test Result	Math Sequence
MTH 101	MTH 101, MTH 105, MTH 131, MTH 132
MTH 102	MTH 102, MTH 131, MTH 132
MTH 131	MTH 131, MTH 132

#### Revised: April 2022