



**QUICK OVERVIEW**

**BACHELOR  
OF SCIENCE  
IN BUSINESS  
ANALYTICS**

**BECOME A DRIVING FORCE  
FOR BETTER BUSINESS**



**UNIVERSIDAD  
MAYOR**

**NEXUS**  
UNIVERSITY

# CURRICULUM PLAN

## BACHELOR OF SCIENCE IN BUSINESS ANALYTICS REQUIRED COURSES

### 1<sup>st</sup> SEMESTER

#### 1<sup>st</sup> 8 Week Session

BIS 124	Computer and Internet Literacy*	3 credits
BUS 214	Introduction to Business	3 credits

#### 2<sup>nd</sup> 8 Week Session

MAT 111	College Algebra	3 credits
ENG 112	English Composition I*	3 credits

### 2<sup>nd</sup> SEMESTER

#### 1<sup>st</sup> 8 Week Session

STA 121	Statistics*	3 credits
ENG 122	English Composition II*	3 credits

#### 2<sup>nd</sup> 8 Week Session

ACC 223	Accounting I	3 credits
ART 113	Art Appreciation*	3 credits

### 3<sup>rd</sup> SEMESTER

#### 1<sup>st</sup> 8 Week Session

STA 231	Business Statistics	3 credits
ACC 332	Accounting II	3 credits

#### 2<sup>nd</sup> 8 Week Session

BIS 133	Introduction to Information System*	3 credits
PSY 134	Psychology*	3 credits

### 4<sup>th</sup> SEMESTER

#### 1<sup>st</sup> 8 Week Session

MAT 341	Trigonometry	3 credits
DAT 342	Introduction to SAS Programming	3 credits

#### 2<sup>nd</sup> 8 Week Session

FIN 243	Finance	3 credits
BIO 144	Biology*	3 credits

### 5<sup>th</sup> SEMESTER

#### 1<sup>st</sup> 8 Week Session

MAT 351	Pre-Calculus	3 credits
ECO 352	Microeconomics	3 credits

#### 2<sup>nd</sup> 8 Week Session

SPC 153	Speech*	3 credits
DAT 354	Introduction to Python Programming	3 credits

### 6<sup>th</sup> SEMESTER

#### 1<sup>st</sup> 8 Week Session

MAT 361	Business Calculus I	3 credits
ECO 362	Macroeconomics	3 credits

#### 2<sup>nd</sup> 8 Week Session

HLP 163	Total Wellness*	2 credits
SCI 164	Earth Science*	3 credits
SCI 164L	Earth Science Lab*	1 credit

### 7<sup>th</sup> SEMESTER

#### 1<sup>st</sup> 8 Week Session

MAT 471	Business Calculus II	3 credits
STA 472	Introduction to Computational Statistical Software	3 credits

#### 2<sup>nd</sup> 8 Week Session

PHI 173	Introduction to Logic*	3 credits
ETH 274	Business Ethics	3 credits

### 8<sup>th</sup> SEMESTER

#### 1<sup>st</sup> 8 Week Session

DAT 481	Advanced Business Analytics	3 credits
MGT 282	Organizational Behavior for Managers	3 credits

#### 2<sup>nd</sup> 8 Week Session

SOC 183	Sociology*	3 credits
DAT 484	Introduction to Research Ethics	3 credits

### 9<sup>th</sup> SEMESTER

#### 1<sup>st</sup> 8 Week Session

STA 491	Applied Regression Models	3 credits
DAT 492	Business Research Methods	3 credits

#### 2<sup>nd</sup> 8 Week Session

COM 493	Business Communication	3 credits
PHI 494	Critical Thinking and Decision Making in Business	3 credits

### 10<sup>th</sup> SEMESTER

#### 1<sup>st</sup> 8 Week Session

STA 401	Time Series Analysis and Forecasting	3 credits
DAT 402	Data Mining for Business	3 credits

#### 2<sup>nd</sup> 8 Week Session

DAT 403	Big Data Analytics and Visualization for Business	3 credits
MKT 404	Marketing	3 credits

\*General Education Courses

# TAKE THE NEXT STEP

## START YOUR ONLINE APPLICATION

### WANT TO LEARN MORE?

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